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No. 25]

NEW DELHI, SATURDAY, JUNE 23, 2001 (ASADHA 2, 1923)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 23rd June 2001

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Diu and Dadra and Nagar Haveli.

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Phone No. 482 5092
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Unit No. 401 to 405, IIIrd Floor,

Municipal Market Building,
Saraswati Marg, Karol Bagh,
NEW DELHI-110 005.

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Uttar Pradesh and Delhi and the
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Telegraphic address "PATENTOFIC"
Phone No. 578 2532
Fax No. 011 576 6204.

Patent Office Branch,
Wing 'C' (C-4, A), III Floor,
Rajaji Bhavan, Besant Nagar,
CHENNAI-600 090.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu and
Pondicherry and the Union
Territories of Laccadive, Minicoy
and Aminidivi Islands.

Telegraphic address "PATENTOFIS"
Phone No. 490 1495
Fax No. 044 490 1492.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th & 7th Floors,
234/4, Acharya Jagadish Bose Road,
CALCUTTA-700 020.

Rest of India.

Telegraphic address "PATENTS"
Phone No. 247 4401
Fax No. 033 247 3851.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by The Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

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पेटेंट कार्यालय एकसूच तथा अधिकल्प

कलकत्ता, दिनांक 23 जून 2001

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जहाँ के आधार पर निम्न रूप से प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोली इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई - 400 013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश
तथा गोवा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली।

तार पता - "पेटेंटोफिस"
फोन - 482 5092
फैक्स - 022 4930 622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, 3रा तल,
नगरपालिका बाजार भवन,
तरस्वती मार्ग, करोल बाग,
नई दिल्ली - 110 005।

दियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
हरियाणा प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटोफिस"
फोन - 578 2532
फैक्स - 011 576 6204

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बसंत नगर, चेन्नई - 600 090।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
शासित क्षेत्र, लक्षद्वीप, मिनिक्काय तथा
एमिनिदिषि द्वीप।

तार पता - "पेटेंटोफिस"
फोन - 490 1495
फैक्स - 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता - 700 020।

भारत का अवशेष क्षेत्र

तार पता - "पेटेंट्स"
फोन - 247 4401
फैक्स - 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है।

APPLICATIONS FOR PATENTS FILED IN PATENT OFFICE BRANCH, CHENNAI
DURING THE WEEK ENDING 6th OCTOBER, 2000

3rd October, 2000

- 831/MAS/2000 Thayil Chandramohan and Sarath Chandramohan. A device for spraying and atomising liquids for humidifying the surrounding air and spraying liquid.
- 832/MAS/2000 Surekha Suvarna and Tharanath Suvarna. Relax code for bank remittances.
- 833/MAS/2000 Edward Mendell Co. Inc. A controlled release dosage form for oral administration. (October 15, 1997; USA) (Div. to Patent Appln. No.2354/MAS/98 dated October 20, 1998)
- 834/MAS/2000 International Business Machine Corporation. Facilitation of register updates in and out-of-order processor. (October 14, 1999; USSN)

4th October, 2000

- 835/MAS/2000 Mysore Krishnamurthy Dwarki Nath and Dwarakinath Girish. Creation of rotational motion in water resulting in high power jets to generate mechanical and electrical power.
- 836/MAS/2000 G.Kesavalu Naidu Alias. Mild steel tube 175 mm outer dia.
- 837/MAS/2000 Lucent Technologies Inc. Location finding using a single base station in CDMA/TDMA systems. (October 5, 1999; USA)
- 838/MAS/2000 A.Friedr. Flender Ag. Drive for rope driven passenger elevators. (October 8, 1999; Germany)
- 839/MAS/2000 Lucent Technologies Inc. Method and apparatus for controlling reverse link interference rise and power control instability in a wireless system. (October 6, 1999; USA)
- 840/MAS/2000 F Hoffmann-La Roche Ag. Quinolin-4- Yl derivative II. (October 8, 1999; Europe)

5th October, 2000

- 841/MAS/2000 Sees John. Fibre moulded rubber foam.

- 842/MAS/2000 Coir Board. A bio degradable soil erosion control blanket.
- 843/MAS/2000 Coir Board. An erosion control blanket.
- 844/MAS/2000 Sud-Chemie India Ltd. A process for producing FCC additive composite.
- 845/MAS/2000 Dr. Reddy's Research Foundation. Novel polymorphic form of (+)-5-[4-[2-(5-Ethyl-2-Pyridyl)ethoxy]benzyl]thiazolidine-2,4-dione hydrochloride.
- 846/MAS/2000 Raymond Mark Malbon. A composition for use in adding an additive to a liquid. (October 6, 1999; UK)
- 847/MAS/2000 N.Rangaswamy. Pilfer proof locking system for liquid transporting system.

6th October, 2000

- 848/MAS/2000 Societe Des Produits Nestle S A. Psyllium husk product. (October 8, 1999; EPO)
- 849/MAS/2000 F Hoffmann-La Roche Ag. Continuous fermentation process. (October 11, 1999; Europe)
- 850/MAS/2000 Tecumseh Products Company. Discharge muffler arrangement. (October 12, 1999; US)

9th October, 2000

- 851/MAS/2000 Parry Agro Industries Ltd. A fertilizer applicator for use in tea plantations.
- 852/MAS/2000 IMI Software Limited. A system for virtual office on phone interactive communication system.
- 853/MAS/2000 Air Products and Chemicals, Inc. Gas liquefaction process with partial condensation of mixed refrigerant at intermediate temperatures. (October 12, 1999; US)

10th October, 2000

- 854/MAS/2000 Mannesmann Ag. Ejector device for an injection-moulding machine for plastics. (February 7, 2000; Germany)
- 855/MAS/2000 Maschinenfabrik Rieter Ag. Grinding or cleaning device. (October 11, 1999; Germany)
- 856/MAS/2000 Indian Space Research Organisation. A process for synthesising a hydroxy terminated glycidyl azide polymer.
- 857/MAS/2000 Omec S p A. Telescopic extension for an electric household appliance. (October 11, 1999; Europe)

11th October, 2000

- 858/MAS/2000 Central Sericultural Research & Training Institute. An evnironator.
- 859/MAS/2000 Indian Institute of Science. Novel polycyclitols as glycosidase inhibitors.
- 860/MAS/2000 International Business Machine Corporation. Address wrap function for addressable memory devices. (October 18, 1999; USSN)
- 861/MAS/2000 Air Products and Chemicals, Inc. Production of hydrogen using methanation and pressure swing adsorption. (October 14, 1999; US)

12th October, 2000

- 862/MAS/2000 K.Neelankantan. Power generation device through water recycling system.
- 863/MAS/2000 Dr.Reddy's Research Foundation. Pharmaceutically acceptable salts of bicyclic compounds.

13th October, 2000

- 864/MAS/2000 Anantarama Subramaniam Sai. A new zero-cost method of desalination of sea water or brackish water by counter osmosis with removal of salt as value added products.
- 865/MAS/2000 Anantarama Subramaniam Sai. A new method of producing ammonia in pulp and paper mills from proteins in raw materials with elimination of causticisation in the soda recovery process.
- 866/MAS/2000 Anantarama Subramaniam Sai. A new method of producing caustic soda, with ammonium sulphate as by product, by chemical process without use of electrolysis.
- 867/MAS/2000 Sumitomo Chemical Company Limited. Process for producing B-carotene. (October 12, 1999; Japan)
- 868/MAS/2000 Ciba Spezialitatenchemie Pforsee Gmbh. Composition for pretreating fiber materials. (October 16, 1999; EPO)
- 869/MAS/2000 Sumitomo Chemical Company, Limited. Method for producing (+)-Trans-chrysanthemum-monocarboxylic acid. (October 18, 1999; Japan)
- 870/MAS/2000 Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) Method and apparatus for producing reduced metal.
- 871/MAS/2000 Schlumberger Holdings Limited. Acoustic sensor assembly. (October 21, 1999; US)
- 872/MAS/2000 International Business Machines Corporation. Wafer integrated rigid support ring. (October 21, 1999; US)

16th October, 2000

- 873/MAS/2000 Dr.K.S.S.P.A.Chandrasekaran. Bharath natural nitric oxide technology herbal blend.
- 874/MAS/2000 Natural Capsules Ltd. Cellulose capsules shells.
- 875/MAS/2000 A.Ramachandra Bhat. "Adhi Rohinee" An equipment for climbing arecanut tree.
- 876/MAS/2000 F Hoffmann-La Roche Ag. New process for the preparation of retiferol derivatives. (October 18, 1999; Europe)
- 877/MAS/2000 Lucent Technologies Inc. Reconfigurable wireless system base station. (October 18, 1999; USA)
- 878/MAS/2000 Lucent Technologies Inc. Automatic resynchronization of cryptosync information. (October 19, 1999; USA)
- 879/MAS/2000 Indian Space Research Organisation. A detonator assembly.

17th October, 2000

- 880/MAS/2000 Lucent Technologies Inc. Multi-carrier/Multi-sector channel pooling in a wireless communication system base station. (October 18, 1999; USA)
- 881/MAS/2000 Akzo Nobel N V. A process for the preparation of polyesters. (Div. to Patent Appln. No.1216/MAS/94 dated December 6, 1994)
- 882/MAS/2000 Akzo Nobel N V. A process for the preparation of polyesters. (Div. to Patent Appln. No.1216/MAS/94 dated December 6, 1994)
- 883/MAS/2000 Air Products and Chemicals, Inc. Method and apparatus for backing-up oxy-fuel combustion with air-fuel combustion. (October 18, 1999; US)
- 884/MAS/2000 Mannesmann Ag. Drive unit for hydraulic consumers of individual components of a machine.
- 885/MAS/2000 Peng-Chia Tsai. Double-sided tape.

18th October, 2000

- 886/MAS/2000 Dr.Reddy's Research Foundation. New anti-inflammatory compounds: process for their preparation and pharmaceutical compositions containing them.
- 887/MAS/2000 Inventio Ag. Rope deflection and suitable synthetic fiber rope and their use. (October 21, 1999; Europe)
- 888/MAS/2000 International Business Machine Corporation. Systems and methods for ordering categorical attributes to better visualize multidimensional data. (October 21, 1999; USSN)
- 889/MAS/2000 Linde Aktiengesellschaft. Process and device for the low-temperature fractionation of air. (October 20, 1999; Germany)
- 890/MAS/2000 Muttusagara Venkatachalaiah Manjunatha. Advanced intelligent countrywide voice messaging system (AICVMS)

19th October, 2000

- 891/MAS/2000 Cheminor Drugs Limited. A simple and improved process for the preparation of topiramate.
- 892/MAS/2000 Paul Gerard D'Souza. Large date display mechanism for clocks and watches
- 893/MAS/2000 Societe des Produits Nestle S.A. Device for preparing beverages or the like from water-reconstitutable foodstuffs. (November 23, 1999; Europe)

20th October, 2000

- 894/MAS/2000 Koji IINO Side visor with ventilation function for car. (October 28, 1999; Japan)
- 895/MAS/2000 Analogic Corporation X-ray tomography apparatus. (Div. to Patent Appln No 1142/MAS/94 dated November 22, 1994)
- 896/MAS/2000 Mannesmann. Diverter for sorting and guiding parts.

23rd October, 2000

- 897/MAS/2000 Natco Pharma Limited. A novel technique for controlled release of pharmaceuticals.
- 898/MAS/2000 Widia GmbH. Cutting tool insert for machining, and the process for its manufacturing.
- 899/MAS/2000 Intertractor GmbH. Two-piece master chain link.

24th October, 2000

- 900/MAS/2000 Haldor Topsoe A/S. Process for the preparation of ammonia and ammonia synthesis gas. (October 29, 1999; US)
- 901/MAS/2000 Maschinenfabrik Rieter Ag. Suction installation for spinning frame. (October 25, 1999; Germany)
- 902/MAS/2000 Rieter Ingolstadt Spinnereimaschinenbau Ag. Mounting for an open-end spinning rotor.
- 903/MAS/2000 Matsushita Electric Industrial Co., Ltd. Portable terminal device. (October 26, 1999; Japan)
- 904/MAS/2000 Matsushita Electric Industrial Co., Ltd. Button switch. (October 26, 1999; Japan)
- 905/MAS/2000 Matsushita Electric Industrial Co., Ltd. Keybutton illuminating device and wireless communication terminal apparatus equipped with the same. (October 26, 1999; Japan)
- 906/MAS/2000 Neyyan Varthappan Mathew. Neyyan avadharam generator.

25th October, 2000

- 907/MAS/2000 Globalstar L P. Closed loop power control for low earth orbit satellite communications system. (November 2, 1999; US)
- 908/MAS/2000 Matsushita Electric Industrial Co., Ltd. Portable terminal unit.

909/MAS/2000	Matsushita Electric Industrial Co., Ltd. Liquid crystal display apparatus. (October 26, 1999; Japan)
901/MAS/2000	Matsushita Electric Industrial Co., Ltd. Echo suppression mechanism. (October 26, 1999; Japan)
911/MAS/2000	Matsushita Electric Industrial Co., Ltd. Earphone jack holding device. (October 26, 1999; Japan)
912/MAS/2000	Matsushita Electric Industrial Co., Ltd. Antenna fixing method and device. (October 26, 1999; Japan)
913/MAS/2000	Noethala Mittu. Improvements in or relating to clasps and clasping devices used in the luggage, packaging and material handling industries.

27th October, 2000

914/MAS/2000	Praveen B Hegde. Heds con.
915/MAS/2000	Inventio Ag. Rope drive element for driving synthetic fiber ropes. (October 29, 1999; Europe)
916/MAS/2000	Joint Fortune Technology International Co. ltd. Mother language domain name conversion system.

National Phase Application Filed Under PCT (chapter-I/II) from 01/09/2000 to 30/09/2000

National Phase Application No IN/PCT/2000/00286

Date of Receipt Friday, September 01, 2000

PCT Application No PCT/JP99/07104

PCT Filing Date Thursday, December 17, 1998

Applicant(s) ARACO KABUSHIKI KAISHA

Inventor(s)

Title FUEL BATTERY,SEPARATOR FOR FUEL BATTERY,AND
MANUFACTURING METHOD OF SEPERATOR

Priority No 10/371200

Priority Date Friday, December 25, 1998

National Phase Application No IN/PCT/2000/00287

Date of Receipt Wednesday, September 01,

PCT Application No PCT/FR99/00603

PCT Filing Date Wednesday, March 17, 1999

Applicant(s) GEMPLUS

Inventor(s)

Title MOBILE TELEPHONE SYSTEM WITH PREPAID CARD

Priority No 98/03482

Priority Date Friday, March 20, 1998

National Phase Application No IN/PCT/2000/00288

Date of Receipt Wednesday, September 01,

PCT Application No PCT/EP99/01972

PCT Filing Date Saturday, March 20, 1999

Applicant(s) DEGUSSA-HULS
AKTIENGESELLSCHAFT

Inventor(s)

Title PROCESS FOR THE PREPARATION OF HYDROGEN
PEROXIDE AND REACTION CARRIER FOR CARRYING OUT
THE PROCESS

Priority No 198 16 297.9

Priority Date Saturday, April 11, 1998

National Phase Application No IN/PCT/2000/00289

Date of Receipt Friday, September 01, 2000

PCT Application No PCT/EP99/02372

PCT Filing Date Friday, March 31, 2000

Applicant(s) DEGUSSA-HULS
AKTIENGESELLSCHAFT

Inventor(s)

Title METHOD FOR PRODUCING PEROXIDE BY DIRECT
SYNTHESIS

Priority No 198 16 296.0

Priority Date Saturday, April 11, 1998

National Phase Application No IN/PCT/2000/00290

Date of Receipt Monday, September 04, 2000

PCT Application No PCT/AT99/00031

PCT Filing Date Thursday, February 04, 1999

Applicant(s) MEDISCAN GMBH.

Inventor(s)

Title METHOD FOR TREATING AN ITEM

Priority No A216/98

Priority Date Friday, February 06, 1998

National Phase Application No IN/PCT/2000/00291

Date of Receipt Monday, September 04, 2000

PCT Application No PCT/EP99/02066

PCT Filing Date Saturday, February 26, 2000

Applicant(s) EMITEC GESELLSCHAFT
FÜR
EMMISSIONSTECHNOLOGIE
MBH.

Inventor(s)

Title CATALYTICALLY ACTIVE STRUCTURE

Priority No 198 15 608.1

Priority Date Tuesday, April 07, 1998

National Phase Application No IN/PCT/2000/00292

Date of Receipt Monday, September 04, 2000

PCT Application No PCT/EP9/02997

PCT Filing Date Sunday, May 03, 1998

Applicant(s) EMITEC GESELLSCHAFT
FUR EMISSIONS
TECHNOLOGIE MBH.

Inventor(s)

Title CATALYTIC CONVERTER, IN PARTICULAR FOR A DIESEL
ENGINE OR A LEAN-BURN ENGINE

Priority No 198 20 9871.1

Priority Date Tuesday, May 12, 1998

National Phase Application No IN/PCT/2000/00293

Date of Receipt Monday, September 04, 2000

PCT Application No PCT/FR99/00511

PCT Filing Date Friday, March 05, 1999

Applicant(s) SAINT-GOBAIN GLASS
FRANCE and RHODIA CHIMIE

Inventor(s)

Title SUBSTRATE WITH A PHOTOCATALYTIC COATING

Priority No 98/02676

Priority Date Thursday, March 05, 1998

National Phase Application No IN/PCT/2000/00294

Date of Receipt Monday, September 04, 2000

PCT Application No PCT/AT99/00027

PCT Filing Date Tuesday, February 02, 1999

Applicant(s) MEDISCAN GMBH.

Inventor(s)

Title METHOD FOR IRRADIATING AN ITEM WITH ELECTRON
RADIATION

Priority No A208/98

Priority Date Thursday, February 05, 1998

National Phase Application No IN/PCT/2000/00295

Date of Receipt Monday, September 04, 2000

PCT Application No PCT/US99/04547

PCT Filing Date Tuesday, March 02, 1999

Applicant(s) NORTHEAST EQUIPMENT,
INC. DOING BUSINESS AS
DELTA MECHANICAL SEALS

Inventor(s)

Title APPARATUS AND METHOD FOR SELECTING A
MECHANICAL SEAL.

Priority No 09/033,194

Priority Date Monday, March 02, 1998

National Phase Application No IN/PCT/2000/00296

Date of Receipt Tuesday, September 05, 2000

PCT Application No PCT/US99/09237

PCT Filing Date Wednesday, April 28, 1999

Applicant(s) ABB AIR PREHEATER, INC.

Inventor(s)

Title STEAM GNERATOR SYSTEM OPERATION

Priority No 09/069,405

Priority Date Wednesday, April 29, 1998

National Phase Application No IN/PCT/2000/00297

Date of Receipt Tuesday, September 05, 2000

PCT Application No PCT/JP99/06929

PCT Filing Date Friday, December 10, 1999

Applicant(s) KANEKA CORPORATION

Inventor(s)

Title PROCESS FOR PRODUCING SIMVASTATIN

Priority No 10/351865

Priority Date Thursday, December 10, 1998

National Phase Application No IN/PCT/2000/00298

Date of Receipt Tuesday, September 05, 2000

PCT Application No PCT/JP99/07127

PCT Filing Date Monday, December 20, 1999

Applicant(s) KANEKA CORPORATION

Inventor(s)

Title PROCESS FOR PRODUCING
(R)-2-HYDROXY-1-PHENOXYPROPANE DERIVATIVE

Priority No 10/359902

Priority Date Friday, December 18, 1998

National Phase Application No IN/PCT/2000/00299

Date of Receipt Wednesday, September 06,

PCT Application No PCT/GB99/00852

PCT Filing Date Thursday, March 18, 1999

Applicant(s) GLAXO GROUP LIMITED

Inventor(s)

Title PROOCCESS FOR THE SYNTHESIS OF HIV PROTEASE
INHIBITORS

Priority No 9805898.5

Priority Date Friday, March 20, 1998

National Phase Application No IN/PCT/2000/00300

Date of Receipt Wednesday, September 06,

PCT Application No PCT/GB99/00601

PCT Filing Date Monday, March 01, 1999

Applicant(s) GREENWOOD SIMON
RICHARD AND SOAR
STEPHEN

Inventor(s)

Title BI-DIRECTIONAL AC OR DC VOLTAGE REGULATOR

Priority No 9805021.4

Priority Date Wednesday, March 11, 1998

National Phase Application No IN/PCT/2000/00301
Date of Receipt Wednesday, September 06,
PCT Application No PCT/US99/06797
PCT Filing Date Tuesday, March 30, 1999
Applicant(s) ELI LILLY AND COMPANY
Inventor(s)
Title THERAPEUTIC APPLICATION OF MATURE FLINT(mFLINT)
POLYPEPTIDES OR OPG3, A MEMBER OF THE TNF
RECEPTOR SUPERFAMILY
Priority No 60/079,856
Priority Date Monday, March 30, 1998

National Phase Application No IN/PCT/2000/00302
Date of Receipt Thursday, September 07,
PCT Application No PCT/GB99/00961
PCT Filing Date Friday, March 26, 1999
Applicant(s) FEERAL-MOGUL SINTERED
PRODUCTS LIMITED
Inventor(s)
Title METAL POWDERS OBTAINED FROM RESIDUE OF
MATERIAL REMOVAL PROCESSES ON IRON PARTS
PRODUCED BY CHILL CASTING
Priority No 980673.1
Priority Date Saturday, March 28, 1998

National Phase Application No IN/PCT/2000/00303
Date of Receipt Thursday, September 07,
PCT Application No PCT/US99/05688
PCT Filing Date Wednesday, March 17, 1999
Applicant(s) AMERITHERM, INC.
Inventor(s)
Title RF ACTIVE COMPOSITION FOR USE IN ADHESION,
BONDING AND COATING
Priority No 60/078,282
Priority Date Tuesday, March 17, 1998

National Phase Application No IN/PCT/2000/00304**Date of Receipt** Monday, September 11, 2000**PCT Application No** PCT/US99/05761**PCT Filing Date** Tuesday, March 16, 1999**Applicant(s)** THE MEAD CORPORATION**Inventor(s)****Title** WRAP- AROUND ARTICLE CARRIER**Priority No** 9805467.9**Priority Date** Monday, March 16, 1998**National Phase Application No** IN/PCT/2000/00305**Date of Receipt** Monday, September 11, 2000**PCT Application No** PCT/US99/06345**PCT Filing Date** Tuesday, March 23, 1999**Applicant(s)** ABB ALSTOM POWER INC.**Inventor(s)****Title** HEAT RECOVERY ATEAM GENERATOR**Priority No** 09/054,662**Priority Date** Friday, April 03, 1998**National Phase Application No** IN/PCT/2000/00306**Date of Receipt** Monday, September 11, 2000**PCT Application No** PCT/CA99/00128**PCT Filing Date** Friday, February 19, 1999**Applicant(s)** BIOSTAR INC.**Inventor(s)****Title** IMMUNOLOGICAL METHODS TO MODULATE MYOSTATIN
IN VERTEBRATE SUBJECTS**Priority No** 60/075,213**Priority Date** Thursday, February 19, 1998**National Phase Application No** IN/PCT/2000/00307**Date of Receipt** Tuesday, July 11, 2000**PCT Application No** PCT/US99/06671**PCT Filing Date** Friday, March 26, 1999**Applicant(s)** GLAXO GROUP LIMITED**Inventor(s)****Title** ASSAY METHODS**Priority No** 60/079,480**Priority Date** Thursday, March 26, 1998

National Phase Application No IN/PCT/2000/00308
Date of Receipt Wednesday, September 13,
PCT Application No PCT/US99/05444
PCT Filing Date Thursday, March 12, 1998
Applicant(s) B.V.R. TECHNOLOGIES LTD.
Inventor(s)
Title METHOD OF SELECTING OPTIMAL COMMUNICATION
CHANNEL
Priority No 09/041,755
Priority Date Friday, March 13, 1998

National Phase Application No IN/PCT/2000/00309
Date of Receipt Tuesday, September 12, 2000
PCT Application No PCT/SE99/00515
PCT Filing Date Tuesday, March 30, 1999
Applicant(s) ALFA LAVAL AB.
Inventor(s)
Title ROTOR FOR CENTRIFUGAL SEPARATOR
Priority No 9801183-6
Priority Date Thursday, April 02, 1998

National Phase Application No IN/PCT/2000/00310
Date of Receipt Tuesday, September 12, 2000
PCT Application No PCT/US99/04681
PCT Filing Date Thursday, March 04, 1999
Applicant(s) LEE STANLEY M and
WINEBARGER KEN N.
Inventor(s)
Title APPARATUS AND METHOD FOR SCORING AND
FOLDING SHEET MATERIAL
Priority No 60/077,278
Priority Date Monday, March 09, 1998

National Phase Application No IN/PCT/2000/00311

Date of Receipt dnesday, September 13, 2000

PCT Application No PCT/SE99/00431

PCT Filing Date Friday, March 19, 1999

Applicant(s) SANDVIK AB.

Inventor(s)

Title THREAD JOINT FOR PERCUSSIVE DRILLING, MALE AND FEMALE PORTION FOR FORMING PART OF THE JOINT AND METHOD OF MANUFACTURING A PRODUCT HAVING THREAD FOR FORMING PART OF A THREAD JOINT FOR PERCUSSIVE DRILLING

Priority No 9800995-4

Priority Date Tuesday, March 24, 1998

National Phase Application No IN/PCT/2000/00312

Date of Receipt dnesday, September 13, 2000

PCT Application No PCT/EP99/00848

PCT Filing Date Thursday, February 04, 1999

Applicant(s) INFINEON TECHNOLOGIES AG.

Inventor(s)

Title DATA CARRIER FOR BOTH CONTACTLESS AND WITH CONTACTS OPERATION

Priority No 98102788.1

Priority Date Tuesday, February 17, 1998

National Phase Application No IN/PCT/2000/00313

Date of Receipt dnesday, September 13, 2000

PCT Application No PCT/US99/06288

PCT Filing Date Thursday, March 25, 1999

Applicant(s) CELANESE INTERNATIONAL CORPORATION

Inventor(s)

Title CONTROL SYSTEM FOR MULTI-PUMP OPERATION

Priority No 09/075,503

Priority Date Friday, May 08, 1998

National Phase Application No IN/PCT/2000/00314**Date of Receipt** Wednesday, September 13, 2000**PCT Application No** PCT/JP99/00274**PCT Filing Date** Thursday, January 21, 1999**Applicant(s)** KANEKA CORPORATION**Inventor(s)****Title** METHOD FOR ISOLATION OF N-PROTECTED-S-PHENYLCYSTEINE**Priority No** 11/13388**Priority Date** Thursday, January 21, 1999**National Phase Application No** IN/PCT/2000/00315**Date of Receipt** Thursday, September 14, 2000**PCT Application No** PCT/DE99/00798**PCT Filing Date** Saturday, March 20, 1999**Applicant(s)** ASTA MEDICA
AKTIENGESELLSCHAFT**Inventor(s)****Title** EFFERVESCENT FORMULATIONS**Priority No** 198 14 257.9**Priority Date** Tuesday, March 31, 1998**National Phase Application No** IN/PCT/2000/00316**Date of Receipt** Thursday, September 14, 2000**PCT Application No** PCT/DE99/00799**PCT Filing Date** Saturday, March 20, 1999**Applicant(s)** ASTA MEDICA
AKTIENGESELLSCHAFT**Inventor(s)****Title** SOLID, RAPIDLY DISINTERGRATING CETIRIZINE FORMULATIONS**Priority No** 198 14 256.0**Priority Date** Tuesday, March 31, 1998

National Phase Application No IN/PCT/2000/00317

Date of Receipt Thursday, September 14, 2000

PCT Application No PCT/US99/04328

PCT Filing Date Wednesday, February 24, 1999

Applicant(s) USA DIGITAL RADIO, INC

Inventor(s)

Title FM IN-BAND-ON-CHANNEL DIGITAL AUDIO
BROADCASTING METHOD AND SYSTEM

Priority No 09/049,210

Priority Date Friday, March 27, 1998

National Phase Application No IN/PCT/2000/00318

Date of Receipt Friday, September 15, 2000

PCT Application No PCT/FR99/00692

PCT Filing Date Thursday, March 25, 1999

Applicant(s) SIDEL

Inventor(s)

Title A CONTAINER WITH COATING OF BARRIER EFFECT
MATERIAL, AND METHOD AND APPARATUS FOR
MANUFACTURING THE SAME

Priority No 98 03824

Priority Date Friday, March 27, 1998

National Phase Application No IN/PCT/2000/00319

Date of Receipt Friday, September 15, 2000

PCT Application No PCT/US99/05806

PCT Filing Date Wednesday, March 17, 1999

Applicant(s) CONLICCO, INC

Inventor(s)

Title CONJUGATED LINOLEIC ACID COMPOSITIONS

Priority No 09/042,538

Priority Date Tuesday, March 17, 1998

National Phase Application No IN/PCT/2000/00320
Date of Receipt Tuesday, September 19, 2000
PCT Application No PCT/DE99/01188
PCT Filing Date Tuesday, April 20, 1999
Applicant(s) ASTRIUM GMBH
Inventor(s)
Title CENTRALLY FED ANTENNA SYSTEM AND A PROCESS
TO OPTIMIZE IT
Priority No 198 17 766.6
Priority Date Tuesday, April 21, 1998

National Phase Application No IN/PCT/2000/00321
Date of Receipt Friday, September 15, 2000
PCT Application No PCT/FR99/00292
PCT Filing Date Wednesday, February 10,
Applicant(s) GEMPLUS
Inventor(s)
Title METHOD FOR SECURELY MANAGING A UNITS COUNTER
AND SECURITY MODULE IMPLEMENTING SAID METHOD
Priority No 98/03483
Priority Date Friday, March 20, 1998

National Phase Application No IN/PCT/2000/00322
Date of Receipt Monday, September 18, 2000
PCT Application No PCT/US99/05919
PCT Filing Date Friday, March 19, 1999
Applicant(s) VERTEX PHARMACEUTICALS
INCORPORATED
Inventor(s)
Title INHIBITORS OF CASPASES
Priority No 60/078,770
Priority Date Thursday, March 19, 1998

National Phase Application No IN/PCT/2000/00323**Date of Receipt** Monday, September 18, 2000**PCT Application No** PCT/EP99/01918**PCT Filing Date** Monday, March 22, 1999**Applicant(s)** ASTA MEDICA
AKTIENGESELLSCHAFT**Inventor(s)****Title** INDOLYL-3-GLYOXYLIC ACID DERIVATIVES HAVING
ANTITUMOR ACTION**Priority No** 198 14 838.0**Priority Date** Thursday, April 02, 1998**National Phase Application No** IN/PCT/2000/00324**Date of Receipt** Monday, September 18, 2000**PCT Application No** PCT/EP99/01573**PCT Filing Date** Thursday, March 11, 1999**Applicant(s)** MERCK PATENT GMBH.**Inventor(s)****Title** PIPERIDINE DERIVATIVES**Priority No** 198 12 331.0**Priority Date** Friday, March 20, 1998**National Phase Application No** IN/PCT/2000/00325**Date of Receipt** Monday, September 18, 2000**PCT Application No** PCT/DE99/01829**PCT Filing Date** Wednesday, June 23, 1999**Applicant(s)** SIEMENS
AKTIENGESELLSCHAFT**Inventor(s)****Title** METHOD FOR CONTROLLING POWER IN
POINT-TO-MULTIPOINT TELECOMMUNICATION LINKS IN
TELECOMMUNICATIONS SYSTEMS WITH WIRELESS
TELECOMMUNICATIONS AND UNCOORDINATED
UNLICENSED SYSTEM OPERATION**Priority No** 198 27 920.5**Priority Date** Tuesday, June 23, 1998

National Phase Application No IN/PCT/2000/00326
Date of Receipt Monday, September 18, 2000
PCT Application No PCT/EP99/01738
PCT Filing Date Wednesday, March 17, 1999
Applicant(s) MERCK PATENT GMBH.
Inventor(s)
Title BIO-CEMENTS HAVING IMPROVED PROPERTIES
Priority No 198 13 614.5
Priority Date Friday, March 27, 1998

National Phase Application No IN/PCT/2000/00327
Date of Receipt Monday, September 18, 2000
PCT Application No PCT/US99/07092
PCT Filing Date Wednesday, March 31, 1999
Applicant(s) ANDERSON, DELOREN E.
Inventor(s)
Title MULTI-TINE LIFTING IMPLEMENT
Priority No 09/053,101
Priority Date Wednesday, April 01, 1998

National Phase Application No IN/PCT/2000/00328
Date of Receipt Monday, September 18, 2000
PCT Application No PCT/US99/05862
PCT Filing Date Thursday, March 18, 1999
Applicant(s) BATTELLE MEMORIAL
INSTITUTE
Inventor(s)
Title COMPOSITION FOR DEACTIVATING CHEMICALLY AND
BIOLOGICALLY ACTIVE AGENTS
Priority No 60/078,642
Priority Date Wednesday, March 18, 1998

National Phase Application No IN/PCT/2000/00329

Date of Receipt Tuesday, September 19, 2000

PCT Application No PCT/DE99/00740

PCT Filing Date Wednesday, March 17, 1999

Applicant(s) SIEMENS
AKTIENGESELLSCHAFT

Inventor(s)

Title ELECTROMECHANICAL ACTUATING DRIVE FOR A VALVE
AND STEAM TURBINE

Priority No 198 12 674.3

Priority Date Monday, March 23, 1998

National Phase Application No IN/PCT/2000/00330

Date of Receipt Tuesday, September 19, 2000

PCT Application No PCT/EP99/02631

PCT Filing Date Monday, April 19, 1999

Applicant(s) FICO TRIAD

Inventor(s)

Title SHIFT-LEVER UNIT

Priority No 198 17 166.8

Priority Date Friday, April 17, 1998

National Phase Application No IN/PCT/2000/00331

Date of Receipt Tuesday, September 19, 2000

PCT Application No PCT/EP99/01686

PCT Filing Date Monday, March 15, 1999

Applicant(s) HUF HULSBECK & FURST
GMBH & CO. KG.

Inventor(s)

Title DOOR LOCK WITH ROLLER CATCH, ESPECIALLY FOR
MOTOR VEHICLES

Priority No 198 12 606.9

Priority Date Monday, March 23, 1998

National Phase Application No IN/PCT/2000/00332**Date of Receipt** Tuesday, September 19, 2000**PCT Application No** PCT/US99/03938**PCT Filing Date** Wednesday, February 24,**Applicant(s)** SUNPOWER INC.**Inventor(s)****Title** FREE-PISTON INTERNAL-COMBUSTION ENGINE**Priority No** 09/030, 067**Priority Date** Wednesday, February 25,**National Phase Application No** IN/PCT/2000/00333**Date of Receipt** Tuesday, September 19, 2000**PCT Application No** PCT/IB99/00524**PCT Filing Date** Thursday, March 25, 1999**Applicant(s)** MILLENIA HOPE INC.**Inventor(s)****Title** VOACAMINE AGENT CONTAINING VOCAMINE**Priority No** 98A000264**Priority Date** Thursday, March 26, 1998**National Phase Application No** IN/PCT/2000/00334**Date of Receipt** Wednesday, September 20,**PCT Application No** PCT/EP99/01326**PCT Filing Date** Monday, March 01, 1999**Applicant(s)** HUF HULSBECK & FURST
GMBH & CO. KG.**Inventor(s)****Title** ACTUATION DEVICE FOR A DOOR LOCK WITH A HINGED
HANDLE, ESPECIALLY FOR A VEHICLE LOCK**Priority No** 198 13 316.2**Priority Date** Thursday, March 26, 1998**National Phase Application No** IN/PCT/2000/00335**Date of Receipt** Wednesday, September 20,**PCT Application No** PCT/US99/05820**PCT Filing Date** Thursday, March 18, 1999**Applicant(s)** MACHINE SYSTEMS, LTD**Inventor(s)****Title** POLYMER LINEAR GUIDE**Priority No** 06/078,433**Priority Date** Wednesday, March 18, 1998

National Phase Application No IN/PCT/2000/00336**Date of Receipt** Wednesday, September 20,**PCT Application No** PCT/US99/18961**PCT Filing Date** Thursday, August 19, 1999**Applicant(s)** ELI LILLY & CO.**Inventor(s)****Title** METHOD OF INCREASING BONE TOUGHNESS AND STIFFNESS AND REDUCING FRACTURES**Priority No** 60/097, 151**Priority Date** Wednesday, August 19, 1998**National Phase Application No** IN/PCT/2000/00337**Date of Receipt** Wednesday, September 20,**PCT Application No** PCT/US99/08636**PCT Filing Date** Tuesday, April 20, 1999**Applicant(s)** HUSKY INJECTION MOLDING SYSTEMS INC.**Inventor(s)****Title** COMPACT POST-MOLD COOLOING DEVICE**Priority No** 60/094, 793**Priority Date** Saturday, July 31, 1999**National Phase Application No** IN/PCT/2000/00338**Date of Receipt** Wednesday, September 20,**PCT Application No** PCT/EP99/06110**PCT Filing Date** Friday, August 20, 1999**Applicant(s)** FUMAPHARM AG,**Inventor(s)****Title** THE USE OF FUMARIC ACID DERIVATIVES IN TRANSPLANT MEDICINE.**Priority No** 198 39 566 .3**Priority Date** Monday, August 31, 1998**National Phase Application No** IN/PCT/2000/00339**Date of Receipt** Thursday, September 21,**PCT Application No** PCT/FI99/00289**PCT Filing Date** Tuesday, April 06, 1999**Applicant(s)** BOREFALIS TECHNOLOGY OY**Inventor(s)****Title** HIGH DENSITY POLYETHYLENE COMPOSITIONS, A PROCESS FOR THE PRODUCTION THEREOF AND FILMS PREPARED THEREOF**Priority No** 980788**Priority Date** Thursday, April 06, 2000

National Phase Application No IN/PCT/2000/00340

Date of Receipt Thursday, September 21,

PCT Application No PCT/CH00/00029

PCT Filing Date Friday, January 21, 2000

Applicant(s) BUCHER-GUYER AG

Inventor(s)

Title DEVICE FOR GRINDING ORGANIC SUBSTANCES

Priority No 259/99

Priority Date Thursday, February 11, 1999

National Phase Application No IN/PCT/2000/00341

Date of Receipt Friday, September 22, 2000

PCT Application No PCT/US99/07054

PCT Filing Date Tuesday, March 30, 1999

Applicant(s) GENERAL ELECTRIC
COMPANY

Inventor(s)

Title IMPROVED PROCESS FOR THE PREPARATION OF SPIRO
BISPHOSPHITES USING FINELY GROUND
PENTAERYTHRITOL

Priority No 09/061,292

Priority Date Thursday, April 16, 1998

National Phase Application No IN/PCT/2000/00342

Date of Receipt Friday, September 22, 2000

PCT Application No PCT/US99/08367

PCT Filing Date Friday, April 16, 1999

Applicant(s) THOMSON LICENSING S.A.

Inventor(s)

Title LNB DRIFT SEARCH SYSTEM FOR DBS PRODUCTS

Priority No 60/082,115

Priority Date Friday, April 17, 1998

National Phase Application No IN/PCT/2000/00343

Date of Receipt Friday, September 22, 2000

PCT Application No PCT/US99/06881

PCT Filing Date Monday, March 29, 1999

Applicant(s) OPUSWAVE NETWORKS,
INC.

Inventor(s)

Title WIRELESS PACKET DATA COMMUNICATION APPARATUS
AND METHOD

Priority No 09/055,110

Priority Date Friday, April 03, 1998

National Phase Application No IN/PCT/2000/00344**Date of Receipt** Friday, September 22, 2000**PCT Application No** PCT/US99/04329**PCT Filing Date** Wednesday, February 24,**Applicant(s)** USA DIGITAL RADIO INC.**Inventor(s)****Title** DIGITAL AUDIO BROADCASTING METHOD USING
PUNCTURABLE CONVOLUTIONAL CODE**Priority No** 09/049,140**Priority Date** Friday, March 27, 1998**National Phase Application No** IN/PCT/2000/00345**Date of Receipt** Friday, September 22, 2000**PCT Application No** PCT/IE99/00012**PCT Filing Date** Thursday, February 25, 1999**Applicant(s)** NATIONAL UNIVERSITY OF
IRELAND, CORK**Inventor(s)****Title** HLA LINKED PRE-ECLAMPSIA AND MISCARRAGE
SUSCEPTIBILITY GENE**Priority No** 980134**Priority Date** Wednesday, February 25,**National Phase Application No** IN/PCT/2000/00346**Date of Receipt** Monday, September 25, 2000**PCT Application No** PCT/FI99/00109**PCT Filing Date** Friday, February 12, 1999**Applicant(s)** VATANEN, JARKKO**Inventor(s)****Title** METHOD FOR INCREASING THE EFFICIENCY OF TRADE**Priority No** 980939**Priority Date** Wednesday, April 29, 1998**National Phase Application No** IN/PCT/2000/00347**Date of Receipt** Monday, September 25, 2000**PCT Application No** PCT/EP99/02213**PCT Filing Date** Thursday, April 01, 1999**Applicant(s)** GLAXO GROUP-LTD.**Inventor(s)****Title** FORM V1
5,6-DICHLORO-2-(ISOPROPYLAMINO)-1-(B-L-RIBOFURAN-1-OL)**Priority No** 9807355.4**Priority Date** Tuesday, April 07, 1998

National Phase Application No IN/PCT/2000/00348
Date of Receipt Monday, September 25, 2000
PCT Application No PCT/US99/07184
PCT Filing Date Wednesday, March 31, 1999
Applicant(s) ELI LILLY AND CO.
Inventor(s)
Title PULMONARY AND NASAL DELIVERY OF RALOXIFENE
Priority No 60/081,102
Priority Date Thursday, April 08, 1999

National Phase Application No IN/PCT/2000/00349
Date of Receipt Monday, September 25, 2000
PCT Application No PCT/DE99/01043
PCT Filing Date Tuesday, April 06, 1999
Applicant(s) SIEMENS
AKTIENGESELLSCHAFT
Inventor(s)
Title STEAM TURBINE
Priority No 198 15 375.9
Priority Date Monday, April 06, 1998

National Phase Application No IN/PCT/2000/00350
Date of Receipt Monday, September 25, 2000
PCT Application No PCT/US99/03869
PCT Filing Date Tuesday, February 23, 1999
Applicant(s) ABB ALSTOM POWER INC.
Inventor(s)
Title HEAT RECOVERY STEAM GENERATOR
Priority No 09/054,426
Priority Date Friday, April 03, 1998

National Phase Application No IN/PCT/2000/00351

Date of Receipt Monday, September 25, 2000

PCT Application No PCT/JP99/02028

PCT Filing Date Thursday, April 15, 1999

Applicant(s) FUJISAWA
PHARMACEUTICAL CO. LTD.

Inventor(s)

Title ANTHRANILIC ACID DERIVATIVES AS INHIBITORS OF THE
CGMP-PHOSPHODIESTERASE

Priority No PP308

Priority Date Monday, April 20, 1998

National Phase Application No IN/PCT/2000/00251

Date of Receipt Monday, September 25, 2000

PCT Application No PCT/JP99/01751

PCT Filing Date Friday, April 02, 1999

Applicant(s) SANKYO COMPANY LIMITED

Inventor(s)

Title SULFONAMIDE DERIVATIVES

Priority No 10/91819

Priority Date Friday, April 03, 1998

National Phase Application No IN/PCT/2000/00353

Date of Receipt Tuesday, September 26, 2000

PCT Application No PCT/EP99/02214

PCT Filing Date Thursday, April 01, 1999

Applicant(s) GLAXO GROUP LIMITED

Inventor(s)

Title NOVEL CRYSTALLINE FORMS OF AN ANTIVIRAL
BENZIMIDAZOLE COMPOUND

Priority No 9807354.7

Priority Date Tuesday, April 07, 1998

National Phase Application No IN/PCT/2000/00354
Date of Receipt Tuesday, September 26, 2000
PCT Application No PCT/EP99/02200
PCT Filing Date Wednesday, March 31, 1999
Applicant(s) KRUPP UHDE GMBH.
Inventor(s)
Title ELECTROLYSIS APPARATUS FOR MANUFACTURING OF
HALOGEN GASES
Priority No 198 16 334.7
Priority Date Saturday, April 11, 1998

National Phase Application No IN/PCT/2000/00355
Date of Receipt Sunday, September 26, 1999
PCT Application No PCT/DE00/00412
PCT Filing Date Sunday, February 13, 2000
Applicant(s) HOLTER, HEINZ
Inventor(s)
Title PROCESS FOR EXTRACTION OF METHANE HYDRATE ON
THE SEA BED
Priority No 199 06 147.5
Priority Date Saturday, February 13, 1999

National Phase Application No IN/PCT/2000/00356
Date of Receipt Tuesday, September 26, 2000
PCT Application No PCT/EP99/02772
PCT Filing Date Friday, April 23, 1999
Applicant(s) NUVERA FUEL CELLS
EUROPE S.R.L.
Inventor(s)
Title METHOD FOR THE INTEGRATION OF FUEL CELLS INTO
ELECTROCHEMICAL PLANTS
Priority No MI98A000914
Priority Date Wednesday, April 29, 1998

National Phase Application No IN/PCT/2000/00357

Date of Receipt Tuesday, September 26, 2000

PCT Application No PCT/EP99/02527

PCT Filing Date Wednesday, April 14, 1999

Applicant(s) DE NORA ELETTRODI S.P.A.

Inventor(s)

Title IMPROVED COMPOSITION OF A SELECTIVE OXIDATION
CATALYST FOR USE IN FUEL CELLS

Priority No 60/081,725

Priority Date Tuesday, April 14, 1998

National Phase Application No IN/PCT/2000/00358

Date of Receipt Wednesday, September 27,

PCT Application No PCT/CA99/00151

PCT Filing Date Friday, February 19, 1999

Applicant(s) THE UNIVERSITY OF BRITISH
COLUMBIA

Inventor(s)

Title DIAGNOSIS OF OSTEOPOROSIS USING ACOUSTIC
EMISSIONS

Priority No 09/038,850

Priority Date Thursday, March 12, 1998

National Phase Application No IN/PCT/2000/00359

Date of Receipt Wednesday, September 27,

PCT Application No PCT/DK99/00178

PCT Filing Date Friday, March 26, 1999

Applicant(s) IAR SYSTEMS A/S

Inventor(s)

Title A METHOD AND APPARATUS FOR ANALYZING A STATE
BASED SYSTEM MODEL

Priority No 0437/98

Priority Date Friday, March 27, 1998

National Phase Application No IN/PCT/2000/00360**Date of Receipt** Wednesday, September 27,**PCT Application No** PCT/DE99/04055**PCT Filing Date** Tuesday, December 21, 1999**Applicant(s)** INFINEON TECHNOLOGIES
AG.**Inventor(s)****Title** VERTICALLY INTEGRATED CIRCUIT ARRANGEMENT**Priority No** 19860817.9**Priority Date** Wednesday, December 30,**National Phase Application No** IN/PCT/2000/00361**Date of Receipt** Wednesday, September 27,**PCT Application No** PCT/US99/08332**PCT Filing Date** Thursday, April 15, 1999**Applicant(s)** ELI LILLY AND COMPANY**Inventor(s)****Title** PROCESS FOR PREPARING
4-SUBSTITUTED-1H-INDOLE-3-GLYOXAMIDES**Priority No** 60/082,110**Priority Date** Friday, April 17, 1998**National Phase Application No** IN/PCT/2000/00362**Date of Receipt** Wednesday, September 27,**PCT Application No** PCT/US99/06001**PCT Filing Date** Friday, March 19, 1999**Applicant(s)** REP INVESTMENT LIMITED
LIABILITY COMPANY**Inventor(s)****Title** IN-HOME THEATER SURROUND SOUND SPEAKER
SUSTEM**Priority No** 09/044,620**Priority Date** Thursday, March 19, 1998**National Phase Application No** IN/PCT/2000/00363**Date of Receipt** Wednesday, September 27,**PCT Application No** PCT/DE99/00553**PCT Filing Date** Monday, February 22, 1999**Applicant(s)** SIEMENS
AKTIENGESELLSCHAFT**Inventor(s)****Title** METAL-ENCAPSULATED, GAS-INSULATED SWITCHGEAR
ASSEMBLIES WITH GAS-FILLED CONTAINERS**Priority No** 98 09 839.1**Priority Date** Tuesday, February 03, 1998.

National Phase Application No IN/PCT/2000/00364

Date of Receipt Thursday, September 28,

PCT Application No PCT/US99/05588

PCT Filing Date Tuesday, March 16, 1999

Applicant(s) NBCI NEW ZEALAND AND
LLC

Inventor(s)

Title IMPROVED SEARCH ENGINE

Priority No 60/078,199

Priority Date Monday, March 16, 1998

National Phase Application No IN/PCT/2000/00365

Date of Receipt Friday, September 29, 2000

PCT Application No PCT/EP99/01923

PCT Filing Date Monday, March 22, 1999

Applicant(s) EMITEC GESELLSCHAFT
FUR
EMISSIONSTECHNOLOGIE

Inventor(s) MBH.

Title HONEYCOMB BODY WITH ADSORBER MATERIAL, IN
PARTICULAR FOR A HYDROCARBON TRAP

Priority No 198 14 132.7

Priority Date Monday, March 30, 1998

National Phase Application No IN/PCT/2000/00366

Date of Receipt Friday, September 29, 2000

PCT Application No PCT/JP99/05483

PCT Filing Date Saturday, April 10, 1999

Applicant(s) MATSUSHITA ELECTRIC
INDUSTRIAL CO. LTD.

Inventor(s)

Title OPREATION CONTROL METHOD OF AIR-CONDITIONING
APPARATUS AND AIR-CONDITIONING APPARATUS

Priority No 11/36571

Priority Date Tuesday, February 16, 1999

National Phase Application No IN/PCT/2000/00367

Date of Receipt Friday, September 29, 2000

PCT Application No PCT/US99/06917

PCT Filing Date Tuesday, March 30, 1999

Applicant(s) TRANSACCESS CROP

Inventor(s)

Title MULTI-SERVICE ACCESS SWITCHED SYSTEM

Priority No 60/080,099

Priority Date Tuesday, March 31, 1998

ALTERATION OF DATE

186108 (2145/Cal/97)	Ante dated to 12-05-94
186110 (361/Cal/99)	25-05-93
186118 (1986/Del/96)	27-07-92
186130 (1675/Del/97)	Filed on 20-06-97 Ante dated to 21-05-91
186137 (2028/Del/98)	Filed on 15-07-98 Ante dated to 31-03-92
186138 (2029/Del/98)	Filed on 17-07-98 Ante dated to 31-03-92.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate along with evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999

द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 127 D

186101

Int. Cl.⁴ : F 16 H 21/50, 21/52 & 21/54

AN APPARATUS FOR CONVERTING LINEAR MOTION TO ROTARY MOTION & VICE VERSA.

Applicant : RICHTER TECHNOLOGY LIMITED OF ACN 062 504 429, 2 SHASTA COLSE, WESTLAKE QUEENSLAND 4074, AUSTRALIA.

Inventor : PAUL, ANTHONY RICHTER.

Application No. 600/Cal/95 filed on 26-5-95.

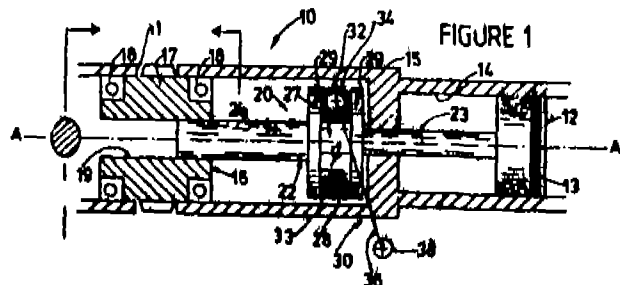
(Convention no. PM 5906 filed on 27-5-94 in AUSTRALIA.)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

(26 Claims)

An apparatus for converting linear motion to rotary motion and vice versa comprising a reciprocator (12) having a main axis (A-A) and being adapted for reciprocating movement in the direction of the main axis (A-A) and a rotator (16) adapted for rotating movement about the main axis (A-A), converter means (20) which operatively interconnects the reciprocator (12) and the rotator (16) characterised in that the converter means (20) comprises a reciprocating section (23) operatively connected to the reciprocator (12) in a region substantially co-axial with the main axis (A-A) thereof, a rotating section (24) operatively connected to the rotator (16) and a control section (27), said converter means (20) comprises a link mechanism (30) having control link (36), one end portion thereof pivotally connected to said control section (27) with its pivot axis offset with respect to said axis (A-A) and the other end portion pivotally connected to a mounting (38), said link (36) adapted to pivotally oscillate about said mounting (38) in response to movement of one of either said rotator (16)

or said reciprocator (12) thereby causing movement of the other of said rotator (16) or said reciprocator (12).



(Complete Specification : 22 Pages Drawing Sheets : 15)

Ind. Cl. : 101 F.

186102

Int. Cl.⁴ : B 64 F - 1/31

AN AUTONOMOUS VIDEO-BASED AIRCRAFT DOCKING SYSTEM.

Applicant : SIEMENS CORPORATE RESEARCH, INC. of 755 College Road, East, Princeton NJ 08540, United States of America.

Inventors : FANG, MING, CHAKRAVARTY, INDRANIL and LIN, LONG-JI.

Application No. 1102/Cal/95 filed on 13-9-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(7 Claims)

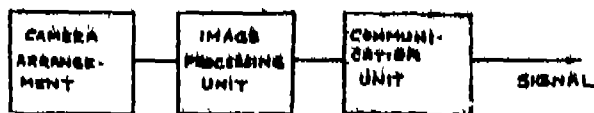
An autonomous video-based aircraft docking system comprising :

a camera arrangement for obtaining an image of an aircraft through a designated portion of its approach for docking;

an image processing unit coupled to said camera arrangement for processing said image for detecting in accordance with pre-stored data location of a predetermined feature of said image;

a communication unit coupled to said image processing unit;

said image processing unit causing said communication unit to output a signal indicative of said location.



(Complete Specification : 27 Pages Drawing Sheets : Nil)

Ind. Cl. : 129 G, 150 C.

186103

Int. Cl.⁴ : B 05 D 3/02, 1/36, 1/02, 7/14,
B 32 B 11/04, 15/08.
F 16 L - 9/14.

A METHOD OF FORMING A WATERPROOFED STEEL SURFACE ON A STEEL PIPE.

Applicant : REILLY INDUSTRIES, INC. OF 151 NORTH DELAWARE, INDIANAPOLIS, INDIANA 46204, UNITED STATES OF AMERICA.

Inventors : JOHNSON JOHN R., RODER WILLIAM R. and HENEGAR C. SHERILL.

Application No. 1183/Cal/95 filed on 4-10-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(22 Claims)

A method of forming a steel pipe with a waterproofed surface comprising :

preheating the steel surface to a temperature of at least about 55°C to upto about 150°C;

applying a primer coating consisting essentially of a thermally-curable epoxy resin composition such as herein described to the preheated steel surface, wherein the epoxy resin composition begins to cure upon application to the steel surface;

prior to completion of curing of said epoxy resin composition, applying a preheated top coating consisting essentially of coal tar enamel at a temperature of at least about 200°C to upto about 300°C overtop said primer; and

cooling said steel surface, primer coating and top coating to form said waterproofed steel surface.

(Complete Specification : 20 Pages Drawing Sheets : 1)

Ind. Cl. : 86 B.

186104

Int. Cl.⁴ : A 47 C - 1/02

A DUAL LEG REST ASSEMBLY PROVIDING A SUBSTANTIALLY UNINTERRUPTED LEG SUPPORT SURFACE OF AN ARTICLE OF FURNITURE

Applicant : LA-Z-BOY INCORPORATED OF 1284 N TELEGRAPH ROAD, MONROE, MICHIGAN 48161, U.S.A.

Inventor(s) : KARL J. KOMOROWSKI, JONATHAN R. SAUL and LARRY P. LAPOINATE.

Application No. 1209/Cal/95 filed on 9-10-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(7 Claims)

A dual leg rest assembly (20) providing a substantially uninterrupted leg support of a reclining chair having a seat

assembly supported from a chair frame (12) and an actuation mechanism (23, 23') for enabling a leg rest assembly to move between a stowed position and an extended position, said leg rest assembly comprising :

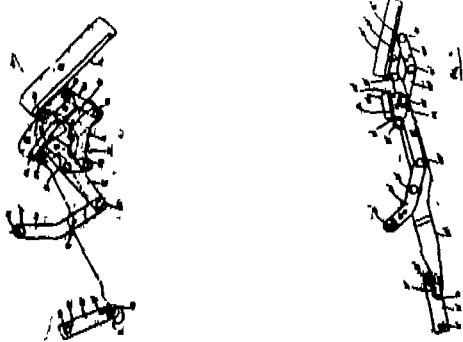
a primary leg rest panel (26, 26');

a secondary leg rest panel (28, 28') and

linkage mechanism (24, 24') interconnecting said primary and secondary leg rest panels to the actuation mechanism (23, 23') for coordinated articulated movement such that in said stowed position said secondary leg rest panel (28, 28') is oriented behind and in general parallelism with said primary leg rest panel (26, 26') so as to be concealed thereby, and in said extended position said primary and secondary leg panels (26, 26'; 28, 28') are oriented so as to provide a substantial continuous and uninterrupted support surface with said seat assembly characterized in that said linkage mechanism (24, 24') comprising a primary linkage (30, 30') for causing articulated movement of said primary leg rest panel (26, 26') and a secondary linkage (32) for causing articulated movement of said secondary leg rest panel (28, 28') and said secondary linkage (32) is operatively supported from primary linkage (30) for articulated movement in response to movement of primary linkage (30, 30'),

said primary linkage (30, 30') comprising front (44, 44') and rear (42, 42') board links pivotally connected to said primary leg rest panel (26, 26') a connector link (48, 48') pivotally interconnecting said front board link (44, 44') to said chair frame (12) a curved swing link (60, 60') pivotally interconnecting said rear board link (42, 42') to a first end of a support link (56, 56') and a drive link (70) interconnecting the actuation mechanism (23, 23') to a second end of said support link (56, 56'), said connector link (48, 48') being pivotally interconnected to an intermediate portion (62, 62') of said support link (56, 56') and said curved swing link (60, 60') being pivotally interconnected to a intermediate portion (50, 50') of said front board link (44, 44'); and

said secondary linkage (32, 104) comprising a board link (82, 104) having a first portion on which said secondary leg rest panel (28, 28') is secured, a second portion pivotally interconnected to said front board link (44, 44') and a third portion pivotally interconnected to said support link (56, 56').



(Complete Specification : 22 Pages Drawing Sheets : 7)

Ind. Cl . 68 E.

186105

Int. Cl.⁴ · H 02 H - 3/08.

AN AIR CONDITIONER.

Applicant : LG ELECTRONICS INC. OF 20 YOIDO-DONG, YOUNGDUNGPO-GU, SEOUL, KOREA.

Inventor : HYUN SAM BACK

Application No. 1306/Cal/95 filed on 25-10-95

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

(4 Claims)

A air conditioner comprising an indoor part which is manipulated indoors and an outdoor part, which operates outdoors by the indoor part, having a compressor for circulating a refrigerant and a motor for circulating air to exchange heat, and a starting current control apparatus comprising :

starting current control means for controlling a power source supply path and a current which are provided to said compressor in order to suppress said starting current applied to said compressor, said starting current control means comprising :

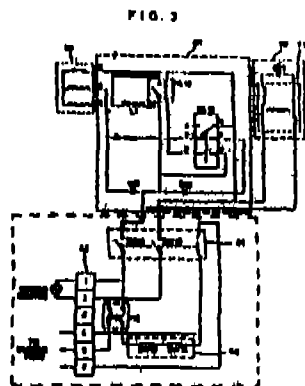
starting control means for providing a power source supply path and suppressing a starting current when said compressor starts, and operation control means for providing another power source supply path when in steady-state operation of said compressor; and

power source supply control means, which is controlled on and off by a prescribed control signal from said indoor part, for supplying a power source voltage to said compressor, said starting current control means, and said power source supply control means, said power source supply control means comprising

a terminal board to which power supply wires, indoor-to-outdoor part interconnecting wires, and other wires for connecting various component are connected,

a relay, which is interchanged on and off by a prescribed control signature from said indoor part, for supplying a power source voltage to said compressor, said starting current control means, and said motor, and a refrigerant pressure

sensing section, which is interconnected between said terminal board and said relay, for sensing refrigerant pressure so that a power source voltage is available under appropriate refrigerant pressure.



(Complete Specification : 16 Pages Drawing Sheets : 3)

Ind. Cl. : 76B & 76E.

186106

Int. Cl.⁴ : A 44 B, 19/00, 19/18 19/30, 19/64

A DOUBLE LOCKING DEVICE FOR FIXING A BELT CLIP.

Applicant : SAMSUNG ELECTRONICS CO., LTD. OF 416 MAETAN-DONG, PALDALGU, SUWON-CITY, KYUNGKI-DO, KOREA.

Inventor : JEONG, BYEONG-RO.

Application for Patent No. 1657/Cal/95 filed on 18.12.95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

1 Claim

A double locking device for fixing a belt clip (78) to a body (50) comprising:

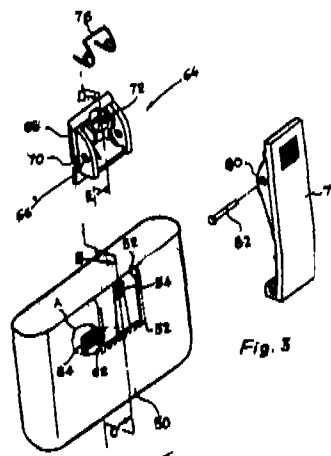
said belt clip having hinge opening (80) through which a hinge shaft (82) passes;

a belt clip holder (64) for engaging said belt clip with a body (50) so that said belt clip is turned around said hinge shaft within an angle determined by the position of the hinge opening (80), said belt clip holder being provided with a hinge opening (66) through which said hinge shaft passes such as said hinge opening, a guide projection (68) slid into said body, an insert groove (70) formed at one side of said guide projection, an elastic hanging rib (72) situated in a center of said belt clip holder, and a hinging projection (74) integrally formed on a end of said elastic hanging rib; said body having a guide rail (52) into which said guide projection (68) of said belt clip holder (64) is slid, a hanging recess (54) into which a hanging projection (74) of said belt clip holder (64) is put around a top portion and a center portion between the left and right of said guide rail (52), an opening (56) provided with a tension part (58) having

protrusion (60) and formed at one side of said guide rail (52) and a guide channel (62) formed between said opening (56) and said guide rail (52);

a locker (84) having a protrusion (86) adapted to be in contact with said protrusion of a tension part (58), and a stopper (88) adapted to be slid into said guide channel (62) and to be put into said insert groove (70) of said belt clip holder, thereby to lock said belt clip holder into said body, said locker being engaged with said opening of said body and locking said belt clip holder slid into said guide rail; and

a coil spring (76) having said belt clip turned around said hinge shaft within a predetermined angle after being engaged with said belt clip holder, whereby said coil spring is situated between said belt clip and said belt clip holder, said hinge shaft passes through said respective hinge openings, thereby to engage said belt clip with said belt clip holder, said belt clip holder is slid into said guide rail of said body with said aid of said guide projection so that said hanging projection of said hanging rib is put into said hanging recess, and said locker is engaged with said opening of said body so that said stopper of said locker is slid into said guide channel of said body and said protrusion of said locker is adapted to be in contact with said protrusion of said tension part.



(Complete Specification : 11 Pages. Drawings Sheets : 4)

Ind. Cl. : 88F, 88 D.

186107

Int. Cl.⁴ : B 01 D 53/14.

A DESULFURIZATION IN PROCESS FOR ABSORBING AND REMOVING SULFUR OXIDES FROM EXHAUST GAS.

Applicant : TOYO ENGINEERING CORPORATION OF 2-5 KASUMINGASEKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : 1. KENICH NAKAGAWA.

Application for Patent No. 237/Cal/96 filed on 9-2-96.

(Convention No. 211533/1995 filed on 21-8-95 in JAPAN.)

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta

(2 Claims)

A desulfurization process for absorbing and removing sulfur oxides from exhaust gas by bringing sulfur oxides-containing exhaust gas into continuous gas-liquid contact with a treating fluid containing a magnesium-based desulfurizing agent using double decomposition apparatus which comprises

(1) the desulfurization step which is carried out in a desulfurization tower 1, wherein the exhaust gas G1 is brought into contact with the desulfurizing treating fluid supplies from a desulfurizing fluid supply tank 10 as necessary, to remove sulfur oxides from the exhaust gas G1 by adsorption into the desulfurization treating fluid, and the desulfurized gas G2 is discharged from the top of the tower 1,

(2) the oxidation step which is carried out in an oxidation tank 2, wherein the desulfurizing treating fluid having sulfur oxides absorbed therein in the desulfurization step is affected by air oxidation to produce an aqueous solution of magnesium sulfate and sulfuric acid,

(3) the double decomposition step which is carried out in a double decomposition tank 3, wherein a basic calcium compound from a calcium hydroxide supply tank 4 is added to the aqueous solution of magnesium sulfate and sulfuric acid, transferred from the oxidation tank 2, thereby forming a slurry of magnesium hydroxide and gypsum dihydrate, and

(4) the gypsum separation step which is carried out by settling separator 8, wherein the gypsum dihydrate formed in the double decomposition step is recovered from the system and the separated magnesium hydroxide slurry is returned to the desulfurization tower 1,

said apparatus being characterized in that, in place of the double decomposition tank 3, it consists of a stirred reaction tank (a), a thickener (b) and a regulation tank (c);

said stirred reaction tank (a) being fitted with a stirrer and functioning in such a way that the aqueous solution of magnesium sulfate or of magnesium sulfate and sulfuric acid resulting from the oxidation step and a fluid containing a basic calcium compound are introduced therein and reacted to form a slurry of magnesium hydroxide and gypsum dihydrate, the resulting slurry (A) rich in gypsum dihydrate being withdrawn therefrom and transferred to the gypsum separation step, and a portion (D) of the formed slurry being fed to said thickener (b);

said thickener (b) functioning to thicken the formed slurry, the thickened slurry being withdrawn from the lower part thereof and returned to said stirred reaction tank (a), and the supernatant being transferred to said regulation tank (c);

said regulation tank (c) functioning to effect a further separation of the supernatant, the resulting fluid (B) rich in

magnesium hydroxide being withdrawn from the upper part thereof and returned to the desulfurization tower 1 and a portion (F) of the regulated fluid rich in gypsum dihydrate being withdrawn from the lower part thereof and fed to said thickener (b),

and further characterized in that the separation of magnesium hydroxide and gypsum dihydrate in the double decomposition can be regulated by controlling the volumes of the fluids (D) and (F) and thus varying the sedimentation velocity of gypsum dihydrate in said thickener (b).

(Complete Specification 23 Pages. Drawing Sheets 2)

Ind. Cl. : 47 A, 47 E.

186108

Int Cl⁴ C 10 B 9/00, 47/00

A METHOD OF MANUFACTURING COKE FROM COAL

Applicant SUN COAL COMPANY OF 4711 OLD KINGSTON PIKE, KNOXVILLE, TENNESSEE, 37939-0388, UNITED STATES OF AMERICA.

Inventor : CHARLES W. PRUITT.

Application No. 2145/Cal/97 filed on 13.11.97.

(Divided out of No. 352/Cal/94 antedated to 12.5.94).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

(4 Claims)

A method of manufacturing coke from coal in a coking over comprising elongated horizontal coking chamber having its open ends normally closed by removable doors, under known conditions of temperature and pressure including the steps of positioning a coal charging machine at one end of the oven, removing the door from the oven and supporting the door at a position spaced outwardly and upwardly from the open end of the oven, providing a movable closed topped emissions capturing hood on the charging machine and positioning the closed top above said door and above said open end of the oven and forming an effective seal between the open end of the oven and the hood projecting a coal conveyor into the open end of the oven beneath the hood to deposit coal into the oven and to effectively form a bottom wall sealing the hood from the atmosphere, providing an air cleaner supported on the charging machine, providing a closed duct system connecting the interior of the hood with said air cleaner, withdrawing air and emissions from the hood through said duct system and air cleaner to remove solid pollutants therefrom, and discharging the cleaned air and gaseous emissions from the air cleaner to the atmosphere throughout charging of the oven.

Specification 19 Pages.

Drawing Sheets 6.

Int. Cl⁴ : C 07 C 57/44 A 61 K 31/00.

186109

Ind. Cl. : 32 F 3.

AN IMPROVED PROCESS FOR PREPARATION OF CINNAMIC ACID ESTERS.

Applicant : SANKYO COMPANY, LIMITED OF 5-1, NIHONBASHI HONCHO 3-CHOME, CHUO-KU, TOKYO 103-8426, JAPAN.

INVENTOR : 1. HIDESHI OKUI, 2. YOSHIHISA TSUKAMOTO & 4. SHIGERU MIO.

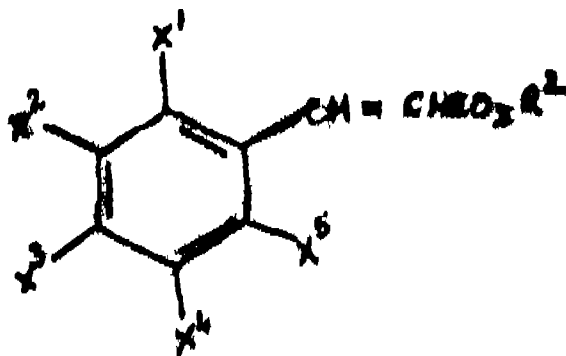
Application No. 1787/Cal/98 filed on 8.10.98.

(Convention No. Hei 9-283432 filed on 16.10.97 in JAPAN.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

(9 Claims)

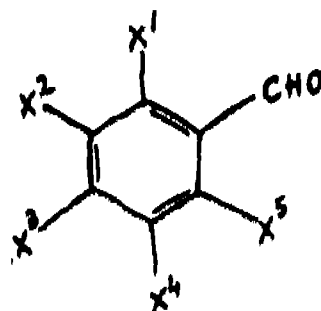
An improved process for the preparation of a cinnamic acid ester of formula III :



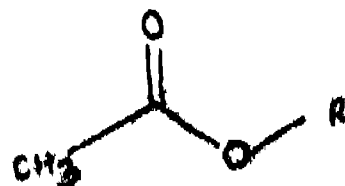
[in which X^1 , X^2 , X^3 , X^4 and X^5 are the same as or different from each other and each represents a hydrogen atom, an alkyl group having from 1 to 6 carbon atoms, a cycloalkyl group having from 3 to 6 carbon atoms, a halogen atom, an alkoxy group having from 1 to 6 carbon atoms, a haloalkyl group having from 1 to 6 carbon atoms, a haloalkoxy group having from 1 to 6 carbon atoms, an alkylthio group having from 1 to 6 carbon atoms, an alkylsulfinyl group having from 1 to 6 carbon atoms, a nitro group, a cyano group, a phenyl group, a phenoxy group, an amino group, an alkylamino group having from 1 to 6 carbon atoms or a dialkylamino group having from 1 to 6 carbon atoms in each alkyl part, or any two adjacent substituents represented by X^1 , X^2 , X^3 , X^4 and X^5 may form a 5- or 6-membered saturated or unsaturated ring which may contain from one to four oxygen and/or nitrogen and/or sulfur heteroatoms; and R^2 represents an alkyl group having from 1 to 6 carbon atoms or a cycloalkyl group having from 3 to 6 carbon atoms],

which process comprises of the following steps :

(a) reacting in the presence of 0.5 to 10 equivalent of a base such as herein described relative to benzaldehyde of formula (I) :

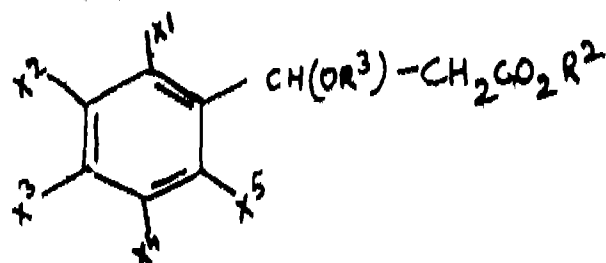


with about 0.5 equivalent or in a large excess of acetic acid ester of formula (II) .



[in which R^1 represents an alkyl group having from 1 to 6 carbon atoms or a cycloalkyl group having from 3 to 6 carbon atoms] relative to said benzaldehyde at a temperature of -70°C to 150°C for a period of 30 minutes to 48 hours to produce a reaction mixture;

(b) treating the said reaction mixture with 0.1 to 20 equivalents of an acid such as herein described per equivalent of 3-alkoxy-3-phenylpropionic acid ester of formula (IV) :



[in which X^1 , X^2 , X^3 , X^4 and X^5 and R^2 are as herein before described and R^1 represents an alkyl group having from 1 to 6 carbon atoms or a cycloalkyl group having from 3 to 6 carbon atoms] either in presence of an additional solvent such as herein described or in absence of an additional solvent, to convert said 3-alkoxy-3-phenylpropionic acid ester present in the said reaction mixture into a cinnamic acid ester of formula (III) at a temperature of $0-150^{\circ}\text{C}$ for a period of 30 minutes to 48 hours

(Complete Specification 23 Pages Drawing Sheet Nil).

Int. Cl.⁴ : C 07 C 27/04.

186110

Ind. Cl. : 32 F 3(C).

A METHOD OF PRODUCING ALPHA METHYL STYRENE WITH ENHANCED SELECTIVITY BY DECOMPOSITION OF DICUMYL PEROXIDE.

Applicant : GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHNECTADY 12345, STATE OF NEW YORK, UNITED STATES OF AMERICA

Inventor : VLADIMIR MICHAILO ZAKOSHANSKY

Application No 361/Cal/99 filed on 19.04.99.

(Divided out of No 290/Cal/93 antedated to 25.05.93).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

(5 Claims)

A method of producing alpha methyl styrene with enhanced selectivity by decomposition of dicumyl peroxide in the presence of an acidic catalyst which comprises carrying out the decomposition at a temperature of from about 80°C to 110°C.

(Complete Specification - 25 Pages Drawing Sheet 1)

Ind. Cl. : 32F_{2(d)}, 123 186111

Ind. Cl.⁴ : C07c 155/10.

AN IMPROVED PROCESS FOR THE PREPARATION OF THIOUREA.

Applicant . COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA (AN INDIAN REGISTERED BODY, INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, ACT XXI OF 1860).

Inventors . ANITA RAVINDRA PANDE & ASHOK NAGESH GOKARN (INDIA)

Application for Patent No. 302/Del/93 filed on 24.3.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(4 Claims)

An improved process for the preparation of thiourea which comprises reacting an alkaline metal earth sulphide with calcium cyanide in the presence or ammonium salts in the aqueous phase at a temperature in the range of 30-55°C for a period 2.5 to 4.5 hrs., separating and filtering thiourea by conventional methods

(Complete Specification - 8 Pages Drawing Sheet Nil).

Ind. Cl. : 32C. 186112

Int. Cl.⁴ . C08F 267/00.

A PROCESS FOR PREPARING A MODIFIED THERMOPLASTIC POLYMER

Applicant . EXXON CHEMICAL PATENTS LNC , A CORPORATION OF DELAWARE, U S A. CARRYING ON BUSINESS AS A COMPANY FOR THE HOLDING OF PATENTS AND GRANTING LICENSES THEREUNDER, AND TECHNICAL DEVELOPMENT AND RESEARCH WORK AT 1900 EAST LINDEN AVENUE, LINDEN, NEW JERSEY, U.S.A.

Inventors : RICHARD STEPHEN AUDA, DAVID YEN LUNG CHUNG, BRENTON GEORGE JONES, HANS

GERLACH WOUDBOER, WILLIAM MYERS DAVIS, LAWRENCE WILLIAM FLATLEY JR & DONALD ANDREW WHITE (U.S.A.).

Application for Patent No 329/Del/93 filed on 30.3.93

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-5

(11 Claims)

A process for preparing a modified thermoplastic polymer through a series of sequential reactions in an extruder reactor comprising the steps of,

- (a) introducing thermoplastic polymer of the kind such as herein described into an extruder;
- (b) reacting by conveying said polymer in the absence of solvent or diluent into a reaction zone wherein said polymer undergoes one of the sequential reactions, said zone comprising two restrictive dams preventing leakage of the reactive agent from the reactive zone;
- (c) purifying by conveying said polymer into a purification zone wherein impurities produced by the reaction of the preceding step are removed from or neutralized in said polymer by subjecting the polymer to pressure below atmospheric pressure, said zone comprising at least two isolated vent zones;
- (d) reacting by conveying the polymer from said purification zone into a second reaction zone and repeating the process of steps(b) and (c) at least once in sequential zones until each of said sequential reactions are completed,
- (e) extruding by conveying said polymer through the rest of the extrusion process.

(Complete Specification - 71 Pages Drawing Sheet Nil)

Ind Cl 175G 186113

Int. Cl.⁴ B 65G 47/95.

AN APPARATUS FOR UNLOADING POWDER FROM A BOX SHAPED CONTAINER.

Applicant . NORDSON CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 28601 CLEMENS ROAD, WESTLAKE, OHIO 44145, UNITED STATES OF AMERICA.

Inventor(s) : WILLIAM SCOTT WILLER—US, KENNETH HOLLEY—US, ROBERT EDWARD PERRIN—UK.

Application for Patent No 386/Del/93 filed on 16.4.93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972) Patent Office Branch, New Delhi-110005

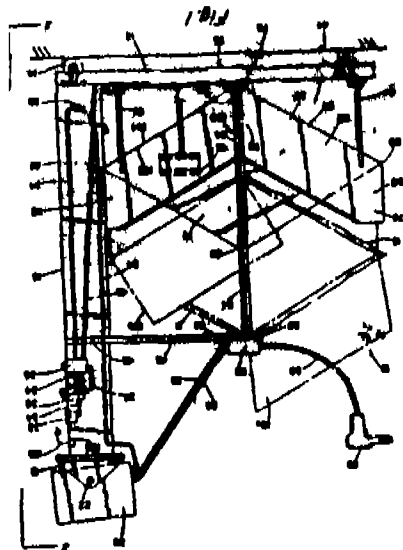
(10 Claims)

An apparatus for unloading powder from a box shaped container (11), the apparatus being characterized by a support structure, (78, 12, 14) (112, 116, 110, 113)

cradle means (44, 44a) mounted to said support structure (78, 12, 14) (112, 116, 110, 113) for supporting said container (11) at an angle (a) with respect to horizontal in a tilted position whereby said container (11) has a lowermost interior portion (76) in said tilted position,

a pick-up tube (54) having a lower inlet end (66) with at least one inlet (72) opening positioned within said container (11) in said lowermost interior portion (76), said pick-up tube (54) having an upper outlet end (56) for discharging powder, and

a pump associated with said upper outlet end (56) and said pick-up tube (54) for drawing powder from said container (11) into said inlet opening (72) of said pick-up tube (54) and discharging the powder material from said outlet end (56)



(Complete Specification 21 Pages Drawing Sheets 4)

Ind Cl 35E & 47 C, E

186114

Int Cl⁴ B 23K 23/00

A METHOD OF PRODUCING AN IMPROVED EXOTHERMIC COMPOSITION FOR HOT REPAIR OF COKE OVEN BATTERY

Applicant STEEL AUTHORITY OF INDIA LTD, RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, A GOVERNMENT OF INDIA ENTERPRISE HAVING ITS REGISTERED OFFICE AT ISPAT BHAWAN, LODHI ROAD, NEW DELHI 110003

Inventor(s) SACHI DULAL MAJUMDAR—India, PANKAJ KUMAR ROY CHOWDHURY—India, SWAPAN KUMAR GARAI—India and AJJOY KUMAR DASGUPTA—India

Application for Patent No 497/Del/93 filed on 17-5 93

Complete left after provisional specification filed on 25-7-94

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005

(9 Claims)

A method of producing an improved exothermic composition for hot repair of coke oven battery, said method comprises (i) mixing 76-82 weight percent of silica brick fines, 0-10 weight percent of quartzite fines in a pan mixer without having any rolls for 2-3 minutes, (ii) mixing 12-15 weight percent of metallic silicon powder, 2-3 weight percent of metallic aluminium powder of pyro technique type, 0-2 weight percent of microfine alumina powder and 0-2 weight percent of calcium carbonate powder in a pan mixer without having rolls, (iii) mixing the materials obtained in (i) and (ii) in a pan mixer without having any rolls for 4-5 minutes, and (iv) packing the composition obtained in (iii) in packs such as of polyethylene in such a manner so as to prevent the atmospheric oxidation of the metallics in the composition, the chemical constituents, grain size range and distribution, and surface area of the ingredients used being as herein described

(Provisional Specification 18 Pages Drawing Sheets 2)

(Complete Specification 22 Pages Drawing Sheets Nil)

Ind Cl 32G

186115

Int Cl⁴ A 61K-7/28

A PROCESS FOR THE PRODUCTION OF A LUCIFERASE ENZYME USEFUL AS AN ASSAY REAGENT

Applicant THE SECRETARY OF DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, OF DEFENCE EVALUATION & RESEARCH AGENCY, DRA FARNBOROUGH, HAMPSHIRE GU 14 6 TD, UNITED KINGDOM

Inventor(s) CHRISTOPHER ROBIN LOWE—U K, PETER JOHN WHITE—U K, JAMES AUGUSTUS HENRY MURRAY—U K, AND DAVID JAMES SQUIRRELL—ENGLAND

Application for Patent No 122/Del/96 filed on 19th January, 96

Convention Application No 9501172 2/U K / 20 1 95, 9508301 0/UK/24 4 95

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005

(11 Claims)

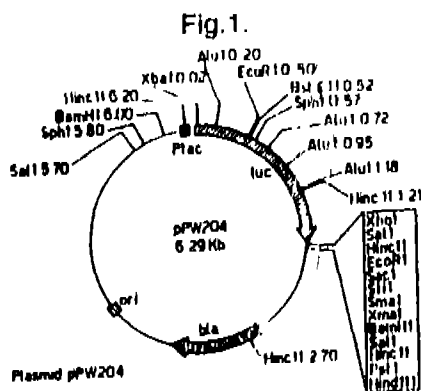
A process for the production of a luciferase enzyme useful as an assay reagent said process comprising

(i) performing in a conventional manner, a site-directed

mutagenesis on a DNA which encodes luciferase from *Photinus Pyralis*, *Luciola mingrelica*, *LUCIOLA CRUCIATA* or *Luciola lateralis* or which encodes protein having luciferase activity and over 60% homology to any of these, so as to change at least the amine acid sequence corresponding to residue 270 of *Photinus Pyralis* luciferase or residue 272 of *Luciola mingrelica*, *Luciola Crucata* or *Luciola lateralis* luciferase to an amine acid residue other than glutamate;

(ii) culturing a host organism with a vector containing said mutant DNA, said organism expressing protein encoded by said mutant DNA;

(iii) isolating in a conventional manner, luciferase from the resultant culture;



(Complete Specification 35 Pages. Drawing Sheets 4)

Ind. Cl. : 32 F₂(C) + 83 B (5) 186116

Int. Cl.⁴ : A 61 K-31/13.

AN IMPROVED PROCESS FOR THE PREPARATION OF VANILLIN.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) SATHULURI RAMACHANDRA RAO - INDIA, GOKARE ASWATHANARYANA RAVISHANKAR - INDIA, LALGUDI VIDYANADHAN VENKATARAMAN - INDIA.

Application for Patent No. 1022/Del/96 filed on 16.05.96.

Complete left after provisional filed on 13 08 97.

Appropriate office for opposition proceeding (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-5.

(5 Claims)

An improved process for the preparation of vanillin which comprises: cultivating spirulina sp. in a conventional nutrient medium having been supplemented with a compound convertible to vanillin selected from isoeugenol, eugenol,

ferulic acid and coniferyl aldehyde for at least 18 hrs. in a known manner then recovering vanillin by conventional solvent extraction methods from the cells and medium.

(Provisional Specification 7 Sheets. Drawing Sheet Nil).

(Complete Specification 14 Sheets Drawing Sheet 6).

Ind. Cl. : 60 X2(0)

186117

Int. Cl. : A 61K.

AN IMPROVED PROCESS FOR RECOVERY OF LOVASTATIN, PRAVASTATIN OR COMPACTIN FROM A BROTH FILTRATE

Applicant : GIST - BROCADES B V. OF WATERINGSEWEG 1, PO-BOX 1, 2600 MA DELFT, THE NETHERLANDS

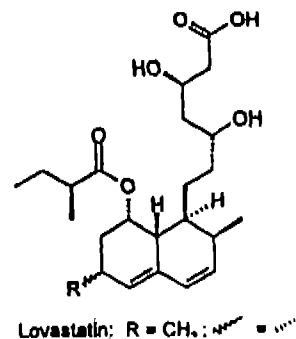
Inventor(s) ROBERTUS MATTHEUS DE PATER - NETHERLANDS MIEKE SIBEYN - NETHERLANDS

Application for Patent No. 1743/Del/96 filed on 6 8 96

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

(5 Claims)

An improved process for recovering lovastatin from a broth filtrate,



comprising

— culturing in a conventional medium microorganisms of the kind as herein described that produce lovastatin resulting in a product medium,

— removal of the biomass from the product medium to obtain a clarified broth filtrate, isolating the purified lovastatin,

— by adjusting the PH of the clarified broth filtrate between PH = 10 and PH = 13

(Complete Specification 15 Pages. Drawing Sheets 2)

Ind. Cl. : 32 F₃C, 55 E₄

186118

Int. Cl.⁴ : A61K 31/00, C07C 31/00

A METHOD OF EXTRACTION OF POLYHYDROXYALKANOATE FROM A PLANT.

Applicant : MICHIGAN STATE UNIVERSITY, A

CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF MICHIGAN, U.S.A. OF E, LANSING, STATE OF MICHIGAN 48824, U.S.A.

Inventor(s) : CHRISTOPHER ROLAND SOMERVILLE – U.S.A. YVES POIRIER – U.S.A. & DOUGLAS EDWARD DENNIS – U.S.A.

Application for Patent No. 1986/Del/96 filed on 10.9.96.

Divisional out of Patent Application No. 661/Del/92 filed on 27.7.92 Ante dated to 27.7.92

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005

(3 Claims)

A method of extraction of polyhydroxyalkanoate from a plant having been obtained by sexual hybridization of two groups of plants wherein one group of the plant having been obtained by introducing DNA coding sequence for the production of Acetoacetyl CoA reductase under the influence of a plant promoter DNA sequence by recombinant technique and PHB synthase genes under the influence of plant promoter DNA sequence into another group of plants resulting in a plant containing both of said genes

(Complete Specification : 47 Pages Drawing Sheets 21)

Ind Cl 32F (2C) 186119

Int Cl⁴ C 07J 9/00

A PROCESS OF PREPARING A COMPOSITION FOR ENHANCING AN ORAL HYGIENE

Applicant LG CHEMICAL LTD, A KOREAN CORPORATION OF THE ADDRESS 20, YOIDO-DONG, YOUNGDUNGPO-KU SEOUL, REPUBLIC OF KOREA

Inventor(s) JAE MONG HA, MOON MOO KIM, JONG HEON CHOI, HYEONG JUN LIM, SUG YOUNG CHANG, HO JEONG AHN, BU J ENE CHOI, SEUNG JOON LEE AND HONG SOON BAK (KOREAN)

Application for Patent No. 212/Del/97 filed on 28-1-97

Convention date 25-7-96, 25-7-96/96-30337, 96-30499/ Korea

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005

(7 Claims)

A process for preparing a composition for enhancing oral hygiene characterized by mixing a compound selected from the group consisting of ursodesoxycholic acid and/or chenodesoxycholic acid with an acceptable carrier for an oral rinse, a dentifrice, a chewing gum, an oral massage cream or an oral massage ointment, with the selected compound being used in an amount of 0.02 to 1.0 wt% with respect to the total weight of the composition said mixing is optionally carried out in the presence of triclosan

and other conventional ingredients such as herein described and wherein when the selected compound is a mixture of ursodesoxycholic acid and chenodesoxycholic acid these compounds are present in the mixing ratio of 100 : 1 to 1 : 100 on the basis of weight.

(Complete Specification : 45 Pages. Drawing Sheet : Nil)

Ind. Cl. : 55 D₂ 186120

Int. Cl.⁴ : A 01N 65/00

A PROCESS FOR PREPARATION OF A FORMULATION USEFUL AS MOSQUITO AND INSECT REPELLENT

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT

Inventor(s) ALAUL HASAN ABAD FAROOQU—India, YOGENDRA NATH SHUKLA—India, RASHMI GUPTA—India, SRIKANT SHARMA—India and SUSHIL KUMAR—India

Application for Patent No. 1268/Del/97 filed on 13-5-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005

(6 Claims)

A process for preparation of a formulation useful as mosquito and insect repellent which comprises mixing the components such as pyrethrum extract, azadirachta extract, oil from plant source and alcoholic base by known method in a ratio ranging 0.5 : 7.0 : 57.5 : 35.0 to 0.25 : 13.33 : 45.66 : 41.0.

(Complete Specification : 17 Pages Drawing Sheet : Nil)

Ind Cl 55 D₂ 186121

Int Cl⁴ A 01 N-59/00

PROCESS FOR THE PREPARATION OF OPTICALLY ACTIVE 3-(2, 2-DICHLORO-3, 3, 3-TRIFLUOROPROPYL)-2, 2-DIMETHYL CYCLOPROPANE CARBOXYLIC ACID

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) JHILLU SINGH YADAV—India, ADARI BHASKAR RAO—India, YARRGUNTA RAVINDRA REDDY—India and KATHI VENKATA RAMIREDDY—India

Application for Patent No. 1021/Del/96 filed on 16-05-96.

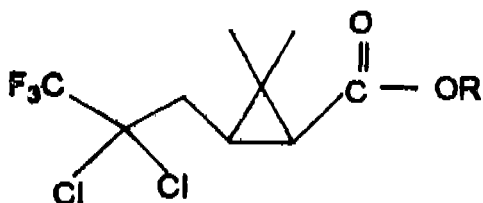
Complete left after provisional filed on 13-05-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-5.

(5 Claims)

A process for the preparation of optically active 3-(2, 2-dichloro-3, 3, 3-trifluoropropyl)-2, 2-dimethylcyclopropane carboxylic acid which comprises :

preparing a mixture of an ester of general formula 1



Wherein R = alkyl and lipase enzymes in polar/non polar organic solvent such as herein described and a conventional buffer solution such as herein described of pH range 5-9, incubating the above said reaction mixture at a temperature in the range of 25-40°C for a period range of 8 to 36 hours, terminating the reaction and isolating the optically active product by known gradient chromatographic methods.

(Provisional Specification : 4 Pages. Drawing Sheet : Nil)

(Complete Specification : 10 Pages. Drawing Sheets : 2)

Ind. Cl. : 32F (4)

186122

Int. Cl.⁴ : C 07C 157/00

AN IMPROVED PROCESS FOR THE PREPARATION OF THIOUREA.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) : BALAKRISHNAN SRINIVASA—India, MAHAJAN SHANKAR SHIVRAM—India, CHAPHEKAR GOPAL MORESHWAR—India, GUPTA MILIND YESHWANT—India, KULKARNI MOHAN PARSHURAM—India and BANDARUPALLI RADHA KRISHNA MURTHY—India.

Kind of Application : Complete.

Application for Patent No. 425/Del/97 filed on 21.02.97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(4 Claims)

An improved process for the preparation of thiourea which comprises passing a mixture of carbon dioxide at 2.0

to 3.33 gm mole and hydrogen sulphide at 2.6 to 3.4 gm mole/hr/kg charge of calcium cyanamide into an aqueous slurry of calcium cyanamide charge under constant stirring, maintaining the alkaline pH at a temperature ranging between ambient to 80°C, stopping the addition of hydrogen sulphide, continuing the passing of carbon dioxide and addition of 10 to 15% of total Calcium cyanamide for a period ranging from 2 to 5 hours further continuing passing of carbon dioxide at a rate of 0.8 to 2.5 gm mole per hr. per kg charge of calcium cyanamide for a period of 1.6 to 6 hours, separating thiourea solution by filtration, optionally treating the separated solution with activated carbon, removing the carbon by conventional methods, separating the product formed by conventional methods and drying to obtain the thiourea.

(Complete Specification : 15 Pages. Drawing Sheet : Nil)

Ind. Cl. : 83B₄.

186123

Int. Cl.⁴ : A 23 C 3/00.

A PROCESS FOR THE PREPARATION OF ANTIMICROBIAL FOOD PRESERVATIVE

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors : PRAMOD PRABHAKAR MOGHE and NIRMALA AVINASH SAHASRABUDHE, all INDIAN

Application for Patent No. 793/Del/97 filed on 27-3-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office Branch, New Delhi-110005.

(4 Claims)

A process for the preparation of antimicrobial food preservative which comprises impregnating the aqueous silver nitrate solution on inert biocompatible substrate such as herein described by conventional methods, with shaking for a period in the range of 30-60 minutes and then heating at a temperature in the range of 25-100°C for a period of 2-8 hrs. cooling to obtain the antimicrobial food preservative.

(Complete Specification : 11 Pages. Drawing Sheet : Nil)

Ind. Cl. : 32F

186124

Int. Cl.⁴ : C07C 25/02.

AN IMPROVED PROCESS FOR THE PREPARATION OF 4-CHLOROBENZYL CHLORIDE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : SUSHAMA MOHAN KALE & ANAND PAL SINGH (India).

Application for Patent No. 797/Del/97 filed on 27-3-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

(4 Claims)

An improved process for the preparation of 4-chlorobenzyl chloride which comprises reacting benzyl chloride in a liquid phase in the presence of microporous zeolite catalyst composite material having molar composition as follows :

$M_x/n^0 : Al_2O_3 : z SiO_2$, where M is an alkali or alkaline earth metal with valency n and z is between 2 to 500 having SiO_2/Al_2O_3 molar ratio varying from 2 to 10 and a pore size of 6 to 10 Å at a temperature in the range of 5 and 200°C at autogenous pressure for a period in the range of 0.2 to 20 hrs, and recovering the 4-chlorobenzyl chlorides from the reaction mixtures by the conventional methods.

(Complete Specification : 13 Pages. Drawing Sheet : Nil)

Ind. Cl. : 83 A 186125

Int. Cl.⁴ : A23L 1/223.

AN IMPROVED PROCESS FOR PREPARING A SUBSTANCE CALLED 'JALJIRA'.

Applicant : JALANI ENTERPRISES OF C-34, IIND PHASE, M.I.A., BASNI, JODHPUR-342005, RAJASTHAN, INDIA, AN INDIAN PROPRIETARY CONCERN; INDIA.

Inventor : SUSHIL KUMAR JALANI—INDIA.

Application for Patent No. 0857/Del/97 filed on 03-04-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

(2 Claims)

An improved process for preparing a substance called 'jaljira' as herein defined for consumption by human beings consists of initially cleaning and roasting in separate pans the following spices or ingredients—

7%	pollen (cuminseed);
5%	dry ginger;
5%	mint;
1%	clove;
0.05%	asafoetida;

and thereafter in another pan the aforesaid spices or ingredients are put together to which are further added the following spices and ingredients—

3%	black pepper;
2%	chilli (red pepper);
3%	black salt;
60%	white salt;
13.95%	citric (large lemon) juice;

and the said united matters are then grinded in a conventional grinder to obtain the substance in granular or powder form is characterised in that 1% of clove is introduced to achieve the distinctive values as herein defined.

(Complete Specification : 9 Pages. Drawing Sheet : Nil)

Ind. Cl. : 55D₁ & 32 F₂b 186126

Int. Cl.⁴ : C07D 239/00, A01N 33/00.

A PROCESS FOR PREPARING 4,6-DIHYDROXY-PYRIMIDINE.

Applicant : ZENECA LIMITED, A BRITISH COMPANY, OF 15 STANHOPE GATE, LONDON W1Y 6LN, ENGLAND.

Inventor(s) : BARRY STUART CROMBLE—U.K., DAVID JOHN RITCHIE—U.K. and RAYMOND VINCENT HEAVON JONES—U.K.

Application for Patent No. 1145/Del/97 filed on 02-05-97.

Convention Application No. 9610320.5/U.K./17-05-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(6 Claims)

A process for preparing 4, 6-dihydroxy pyrimidine comprising the steps :

- reacting formamide, an alkoxide of formula ROM and, at the same time or later reacting, a molonate of formula $CH_2(CO_2R_2)$ in a solvent of formula ROH, the molar ratio of formamide: ROM : $CH_2(CO_2R_2)$ being in the range (2.0-4.0) : (3.0-4.0) ; (0.8-1.2);
- adding water to the product of step (a) to dissolve all the solid;
- removing by distillation substantially all of the solvent of formula ROH from the product of step (b); and
- acidifying the product of step (c) to a pH in the range 1-5 to form 4,6-dihydroxy pyrimidine;

wherein R is C₁₋₄ alkyl and M is an alkali metal.

(Complete Specification : 10 Pages. Drawing Sheet : Nil)

Ind. Cl. : 32F₍₁₃₀₎

186127

Int. Cl.⁴ : C07D 313/06

AN IMPROVED PROCESS FOR THE PREPARATION OF ETHER DERIVATIVES OF DIHYDROARTEMISININ.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

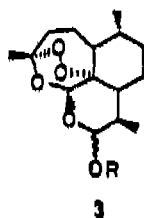
Inventors : CHANDAN SINGH & RANI KANCHAN (Indian).

Application for Patent No. 1258/Del/97 filed on 13-5-97.

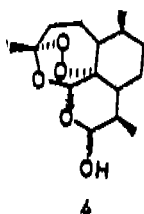
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

(6 Claims)

An improved process for the preparation of ether derivatives of dihydroartemisinin of formula 3



of the drawing accompanying this specification R = alkyl group with C ranging from 1 to 16 as antimalarial drugs, which comprises alkylating dihydroartemisinin of formula 4



with a conventional organic hydroxy compound in presence of a cation exchanger (H⁺ form) and optionally in presence of cosolvent, removing the cation exchanger by conventional methods followed by concentration, purifying the product by known methods to give ether derivatives of dihydroartemisinin of general formula 3.

(Complete Specification : 12 Pages. Drawing Sheet : 1)

Ind. Cl. : 55 D₁

186128

Int. Cl.⁴ : A01 N 37/00

A PROCESS FOR THE PREPARATION OF A METHYL-2- (HALOMETHYL) PHENYLACETATE.

Applicant : ZENECA LIMITED, A BRITISH COMPANY, OF 15 STANHOPE GATE LONDON W1Y 6LN, ENGLAND.

Inventor(s) : DAVID JOHN RITCHIE—U.K., HANNAH SALLIE ROBERTSON McCANN—U.K., MICHAEL CHARLES HENRY STANDEN—U.K. & RAYMOND VINCENT HEAVON JONES—U.K.

Application for Patent No. 1460/Del/97 filed on 02.06.97.

Convention Application No. 9612622.2/UK/17.06.96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(6 Claims)

A process for the preparation of a methyl 2-(halomethyl) phenylacetate which comprises treating 3-isochromanone with a thionyl halide of formula SOX₂ wherein X is chlorine or bromine, in the presence of methanol and optionally another diluent such as herein described wherein said process is carried out at a temperature of from -80°C to 130°C.

(Complete Specification : 9 Pages. Drawing Sheet : Nil)

Ind. Cl. : 83A₁

186129

Int. Cl.⁴ : A61K 9/20.

A PROCESS FOR THE PREPARATION OF A CANDY.

Applicant : THE PROCTER & GAMBLE CO., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, UNITED STATES OF AMERICA.

Inventors : ASHOK PREMCHAND LOHADIYA (India) & SANTOSA WUNDRIARI (Indonesia).

Application for Patent No. 1580/Del/96 filed on 16.7.96.

Convention date 21.7.95/(9515077.7)/U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(5 Claims)

A process for the preparation of a candy comprising, separately cooking an aqueous solution of a substantially non-hygroscopic sugar alcohol at a temperature of 130-170°C for a period such as to form a casing candying solution having water content below 3% and an aqueous solution of a hygroscopic sugar polyol to form a core candying solution having water content of below 3% center-filling the said core candying solution with the said casing candying solution followed by cooling to obtain candy.

(Complete Specification : 8 Pages. Drawing Sheet : Nil)

Ind. Cl. : J67C

186130

Int. Cl.⁴ : B01D 43/00**A DEVICE FOR REMOVING LIQUID FROM A MIXTURE OF LIQUID AND SOLID MATTER**

Applicant PANNEVIS B V, A DUTCH CORPORATION, OF ELEKTRONWEG 24, 3542 AC UTRECHT, THE NETHERLANDS

Inventor(s) ALPHONS ARNOLDUS JOHANNES ANTONIUS PRINSSSEN—Netherland

Application for Patent No. 1675/Del/97 filed on 20.06.97

Divisional out of Patent Application No. 443/Del/91 filed on 21.05.91 ante dated to 21.05.91

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(2 Claims)

A device for removing liquid from a mixture of liquid and solid matter, provided with an endless conveyor belt (23) which is previous to liquid and with an endless chain of casings (22) and a frame for supporting and guiding the casings (22) and guide rollers for guiding the conveyor belt (23) so that an upper run of the conveyor belt (23) moving the mixture during operation will be supported by the casings which move together with conveyor belt during operation and whereby there are provided means (5-7) for generating a sub-atmospheric pressure in said casings (22) characterized in that a plurality of pressure rollers (9) extending transversely to the direction of movement of the conveyor belt (23) are disposed above the upper run of the conveyor belt (23) at the side of the upper run remote from the casings (22) and opposite supporting rollers (26) supporting said casings (22), whilst means are provided by which said pressure rollers (9) are independently pressable down in the direction of the upper run of the conveyor belt (23) and be movable in a direction away from the upper run.

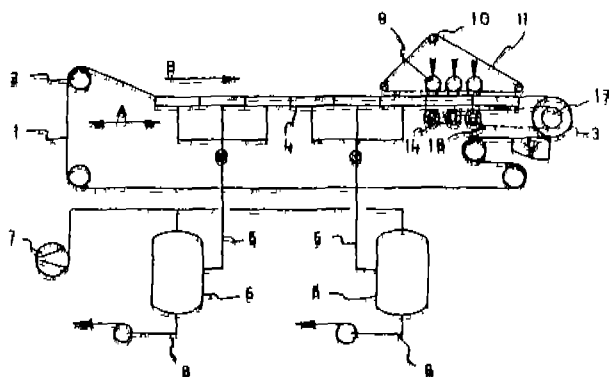


FIG 1

(Complete Specification 10 Pages Drawing Sheet 5)

7-117 CI/2001

Ind Cl 55 F

186131

Int Cl⁴ A 61 K 31/41, C 12 C 15/00**A PROCESS FOR THE PREPARATION OF 4- β -1"-[2(SUBSTITUTED 10 BENZOYL) ANILINO] 4-DESOXYPODOPHYLLOTOXIN USEFUL AS ANTICANCER AGENTS**

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG NEW DELHI-1, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT

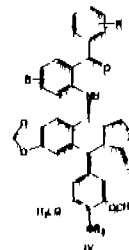
Inventor(s) AHMED KAMAL—INDIA, NIMMA GADDA LAKSHMI GAYATRI—INDIA

Application for Patent No. 1712/Del/97 filed on 24.06.97

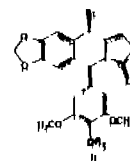
Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi 5

(5 Claims)

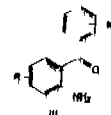
A process for the preparation of 4 β -1"-[2-(substituted benzoyl) anilino]-4-desoxypodophyllotoxin, of formula (IV)



wherein R and R₁ = H, F, Cl, Br, I, alkyl, alkoxy, nitro group R₂ = H or alkyl group, which comprises reacting bromo podophyllotoxin derivative of formula II



wherein R₂ = H or CH₃ with amino benzophenone or its derivative of formula III



wherein R and R₁ = H, halogens, nitro, alkyl, alkoxy in presence of a known base and a catalyst in aprotic solvent at a temperature in the range of 20 to 60°C for a period in the range of 3 to 8 hrs, removing solvent and purifying the residue by conventional column chromatography to afford the podophyllotoxin of general formula (IV) wherein R and R₁ = halogen, nitro, alkyl, alkoxy and R = H or alkyl group

(Complete Specification 19 Pages Drawing Sheet 1)

Int. Cl. 5C2

186132

Int. Cl. 607C-10(1)

AN IMPROVED PROCESS FOR THE PREPARATION OF (–)-N-BENZOYL-(2R, 3S)-3-PHENYLISOSERINE

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI 110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT

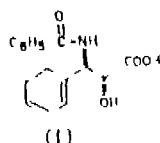
Inventor(s): SUNIL KUMAR CHATTOPADHYAY—INDIA, RAM PRAKASH SHARMA—INDIA, SUSHIL KUMAR—INDIA

Application for Patent No. 1718/Del/97 filed on 24.6.97

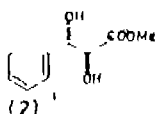
Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972) Patent Office Branch, New Delhi 110065

(8 Claims)

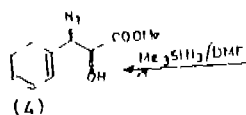
An improved process for the preparation of (–)-N-benzoyl-(2R, 3S)-3-phenylisoserine of formula (1)



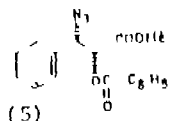
which comprises reacting transmethyl cinnamate in polar solvent with a mixture of hydroquinone, 1,4-phthalazine diether, potassium ferrocyanide, potassium carbonate and potassium osmate dihydrate (AD mix₀C) at an ambient temperature for 12–24 hours to give a crystalline syn diol of formula (2)



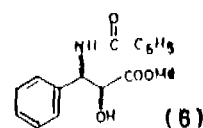
treating the above said diol with thionyl chloride in presence of a conventional organic base in a chlorinated solvent at a temperature in the range of 0–25°C to give an oily residue, treating the oily residue with magnesium or ammonium bromide at a temperature of 0–25°C for a period of 7–8 hours and recovering the bromohydrin by conventional methods, reacting the above said bromohydrin with metal azide such as herein described at a temperature in the range of 60–70°C for a period of 40–45 hours to give the corresponding azohydroxy derivative of formula (4),



reacting with benzoyl chloride in chlorinated organic solvent in presence of a base to give azidobenzoyl derivative of formula (5),



reducing the above said azidobenzoyl derivative with hydrogen in presence of a conventional hydrogenation catalyst in an alcohol to get ester of N-benzoyl-(2R, 3S)-3-phenyl isoserine of formula (6)



followed by conventional hydrolysis to give (–)-N-benzoyl-(2R, 3S)-3-phenyl isoserine of formula (1)

(Complete Specification: 15 Pages; Drawing Sheet: 1)

Int. Cl. 83A(1)

186133

Int. Cl. A 21D 2/26

AN IMPROVED PROCESS FOR THE PREPARATION OF HIGH PROTEIN NUTRITIOUS BISCUITS

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT

Inventor(s): RAGU SAI MANOHAR—INDIA, KRISHNARAU LEELAVATHI—INDIA, BHAGYA SWAMYLINGAPPA—INDIA, PUNAROOR HARIDAS RAO—INDIA, VISHWESHWARAIH PRAKASH—INDIA

Application for Patent No. 1719/Del/97 filed on 24.6.97

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi 110005

(8 Claims)

An improved process for the preparation of high protein nutritious biscuits which comprises

- (i) creaming conventional fat, sugar, corn syrup, emulsifier, flavouring agents, fat soluble vitamins and antioxidant
- (ii) preparing an aqueous suspension containing conventional milk powder, common salt, calcium carbonate, ammonium bicarbonate, sodium bicarbonate and acid calcium phosphate adding to the above cream obtained in step (i) and mixing for a period of 5–8 minutes in a conventional manner,
- (iii) adding the above aqueous suspension to a flour blend containing wheat flour and defatted soya flour, ranging 44–45%–13–14% respectively of the total dough and a enzyme premix in the range such as papain 0.4% to 0.6% and alkaline phosphate 0.2% to 0.25% of soya flour of the above flour blend and mixing the resulting mass into a dry crumbly dough,

- (iv) resting the dough obtained in step (iii) for a period of 28–33 minutes,
- (v) shaping the dough using conventional rotary moulder into biscuits,
- (vi) baking the moulded biscuits so obtained in step (v) by known methods,
- (vii) Cooling the baked biscuits

(Complete Specification 17 Pages Drawing Sheet Nil)

Ind Cl 55E₄, 32 F₁ (d)

186134

Int Cl⁴ A 61 K 31/00, C 07 J 1/00

A PROCESS FOR THE PREPARATION OF ESTRA-5 α -HYDROXY-9-EN-11 β -[4-(2-METHYL-1, 3-DIOXOLYL) PHENYL]-17 β -HYDROXY-17 α -(3-METHYL-1-BUTYNYL)-CYCLIC-3-(1, 2-ETHANDIYL) ACETAL

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI 110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT

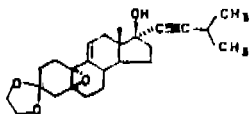
Inventors BRAJA GOPAL HAZRA—INDIA VANDANA SUDHIR PORE—INDIA, PADMAKAR LAXMAN JOSHI—INDIA AND SOURAV BASU—INDIA

Application for Patent No 1992/Del/97 filed on 17th July, 97

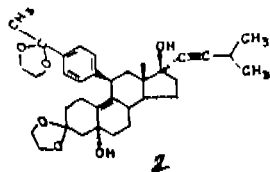
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi 110005

(6 Claims)

A process for the preparation of estra-5 α -hydroxy-9-en-11 β -[4-(2-methyl-1, 3-dioxolyl) phenyl]-17 β -hydroxy-17 α -(3-methyl-1-butynyl)-cyclic-3-(1, 2-ethandiyl) acetal having formula 2



which comprises preparing 4-(2-methyl-1, 3-dioxolyl) phenyl magnesium bromide reagent by known methods, adding the above reagent solution to a mixture of estra-5, 10 α -oxido-9(11)-en-17 β -hydroxy-17 α -(3-methyl-1-butynyl)-cyclic-3-(1, 2-ethandiyl) acetal having structural formula 1



and cuprous halide as a catalyst in an organic solvent at a temperature below -10°C stirring the mixture for time in the range of 2 to 24 hrs at a temperature in the range of -10 to 25°C quenching the reaction mixture extracting the product in organic solvent separating the organic layer and removing the solvent by evaporation below room temperature under vacuum further purifying the crude product obtained by chromatography to obtain estra-5 α -hydroxy-9-en-11 β -[4-(2-methyl-1, 3-dioxolyl) phenyl]-17 β -hydroxy-17 α -(3-methyl-1-butynyl)-cyclic-3-(1, 2-ethandiyl) acetal having formula 2 in the pure form

(Complete Specification 8 Pages Drawing Sheet 1)

Ind Cl 32F₁

186135

Int Cl⁴ C 07 J 1/00

A PROCESS FOR THE PREPARATION OF 11 β -(4-ACETOPHENYL)-17 β -HYDROXY-17 α -(3-METHYL-1-BUTYNYL)-ESTRA-4, 9-DIEN-3-ONE

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG NEW DELHI 110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT

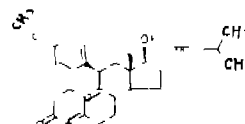
Inventors BRAJA GOPAL HAZRA VANDANA SUDHIR PORE, PADMAKAR LAXMAN JOSHI and SOURAV BASU, INDIA

Application for Patent No 1993/Del/97 filed on 17.7.97

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch New Delhi 110 005

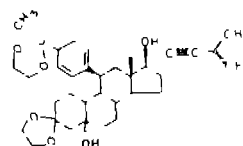
(6 Claims)

A process for the preparation of 11 β -(4-acetophenyl)-17 β -hydroxy-17 α -(3-methyl-1-butynyl) estra-4, 9-dien-3-one of Formula 2



2

of the drawing accompanying this specification which comprises treating the estra-5 α -hydroxy-9-en-11 β -[4-(2-methyl-1, 3-dioxolyl) phenyl]-17 β -hydroxy-17 α -(3-methyl-1-butynyl)-cyclic-3-(1, 2-ethandiyl) acetal having structural formula 1



with an acid (60 to 70°C) at a temperature in the range of 50 to 65°C for a time in the range of 1 to 3 hours

neutralizing with a base, extracting the product in organic solvent, separating the organic layer by conventional methods and removing the solvent by evaporation under vacuum, further purifying the crude product obtained by column chromatography to obtain 11 β (4-acetophenyl)-17 β hydroxy-17 α -(3-methyl-1-butynyl)-estra-4, 9-dien-3-one of formula 2.

(Complete Specification : 7 Pages Drawing Sheet : 1)

Ind. Cl. : 55E.

186136

Int. Cl.⁴ : C 07C 175/00

A PROCESS FOR THE PREPARATION OF β -CAROTENE CRYSTALS

Applicant : GIST-BROCADES B. V., OF WATERINGSEWEG 1, PO-BOX 1, 2600 MA DELFT, THE NETHERLANDS.

Inventors : MIEKE SIBEYN-NETHERLAND AND ROBERTUS MATTHEUS DE PATER-NETHERLAND.

Application for Patent No. 2006/Del/97 filed on 17.7.97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(13 Claims)

A process for the preparation of β -carotene crystals with a purity of $\geq 90\%$ from a natural source of the kind such as herein described, comprising the steps of:

- solvent-extracting in a manner such as herein described β -carotene from said source to produce a β -carotene extract;
- crystallizing in a manner such as herein described β -carotene from said extract to produce crude β -carotene crystals;
- treating said crude β -carotene crystals with a solvent selected from the group of solvents of the kind such as herein described in which β -carotene has a low solubility;
- optionally repeating the previous solvent treatment with the same or a different solvent in which β -carotene has a low solubility;
- evaporating the residual solvent from the crystals, thereby to obtain the said β -carotene crystals.

(Complete Specification : 15 Pages Drawing Sheet : Nil).

Ind. Cl. : 65 B₁

186137

Int. Cl.⁴ : H01F 41/00.

A DEVICE HAVING A COIL BOBBIN FOR A TRANSFORMER.

Applicant : KITAMURA KIDEN CO., LTD., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF JAPAN OF 3434, KOHIGASHI, CHINOSHI, NAGANO, JAPAN.

Inventor : FUMIO KITAMURA-JAPAN.

Application for Patent No. 2028/Del/98 filed on 15-7-98

Divisional out of Patent Application No. 290/Del/92 filed on 31-3-92, Ante dated to 31.03.92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

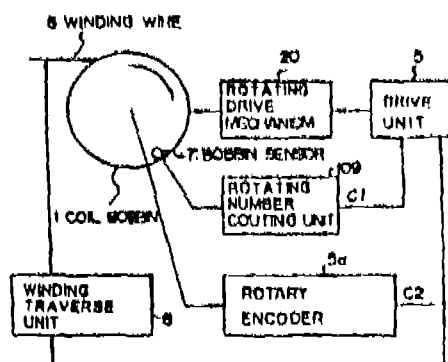
(7 Claims)

A device having a coil bobbin (1) for a transformer where a winding wire (6) is wound by using a transformer coil winding apparatus having a rotating driving mechanism for rotatably driving said coil bobbin (1) by a friction force between said coil bobbin and said rotating drive mechanism (2c, 2^cd, 2d, 2^dd) of said transformer coil winding apparatus, said coil bobbin (1) having two flanges, characterised in that :

said device comprises a detection means (7) having a mark provided on one of said flanges of said coil bobbin (1), and

said transformer coil winding apparatus comprises a rotation number counting means (109) for counting the number of rotations of said coil bobbin (1) and a sensor for detecting said mark by one cycle of rotation of said coil bobbin (1), said coil bobbin (1) being rotatably driven by said rotating drive mechanism (2a to 2d, 2^aa to 2^dd) in response to the number of rotations (cl) on said rotation number counting means (109).

Fig. 3



(Complete Specification : 28 Pages Drawing Sheets : 17)

Ind. Cl. : 65 B₁

186138

Int. Cl.⁴ H01F 41/00.

A TRANSFORMER COIL WINDING APPARATUS FOR WINDING A WIRE ON A COIL BOBBIN.

Applicant : KITAMURA KIDEN CO., LTD., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF JAPAN OF 3434, KOHIGASHI, CHINOSHI, NAGANO, JAPAN.

Inventor : FUMIO KITAMURA-JAPAN.

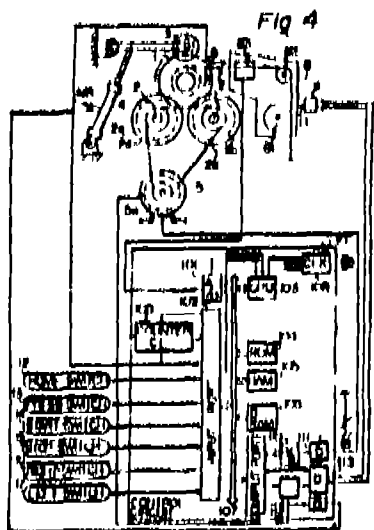
Application for Patent No 2029/Del/92 filed on 13.7.98

Divisional out of Patent Application No 290/Del/92 filed on 31.3.92. Ante dated to 31.3.92

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(5 Claims)

A transformer coil winding apparatus for winding a winding wire (206) on a coil bobbin 1 (201) comprising a rotating drive mechanism (2a-2d) for rotatably driving said coil bobbin 1 (201) characterized in that, said rotating drive mechanism (2a-2d) is functionally engaged with said bobbin 1 (201) for driving the bobbin 1 (201) by a frictional force, said rotating drive mechanism (2a-2d) comprises two pairs of bobbin drive rollers, (2a, 2c) a pair of bobbin retainer rollers (3), and a retainer roller moving means (4) for moving said bobbin retainer rollers (3) in up and down directions



(Complete Specification 27 Pages Drawing Sheets 17)

Ind. Cl : 55 D₂ 186139

Int. Cl.⁴ : A01 N 37/00.

A PROCESS FOR PREPARING (E)-METHYL 2-[2-(6-CHLOROPYRIMIDIN-4-YLOXY) PHENYL]-3-METHOXYPROPENOATE.

Applicant : ZENECA LIMITED, A BRITISH COMPANY, OF 15 STANHOPE GATE, LONDON W1Y 6LN, ENGLAND

Inventors : ALAN JOHN WHITTON-UK, BRIAN GEOFFREY COX-UK, GARETH ANDREW DE BOOS-UK., IAN GORDON BERRY-UK, IAN GEORGE FLEMING-UK and RAYMOND VINCENT HEAVON-JONES-UK.

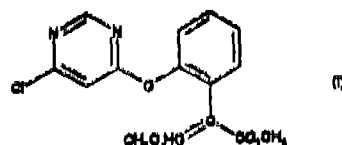
Application for Patent No 2142/Del/97 filed on 31.7.97

Convention Application No 9617351 3/UK/19.8.96

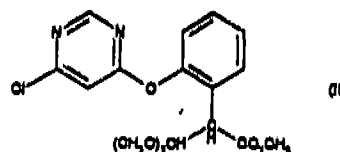
Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972) Patent Office Branch New Delhi-110005

(6 Claims)

A process for preparing (E)-methyl 2-[2-(6-chloropyrimidin-4-yloxy)]-3-methoxypropenoate having the formula (I)



said process comprising treating methyl 2-[2-(6-chloropyrimidin-4-yloxy) phenyl]-3,3-dimethoxypropenoate having the formula (II)



with an acid catalyst of the kind such as herein described in the presence of an acid anhydride at a temperature in the range of from 70° to 110°C

(Complete Specification . 11 Pages. Drawing Sheet . Nil)

Ind. Cl 55E₄ 186140

Int. Cl.⁴ A 61K 31/00

A PROCESS FOR THE PREPARATION OF CYCLIC ACETALS OF GLYCOSIDES OF PODOPHYLLOTOXIN

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT

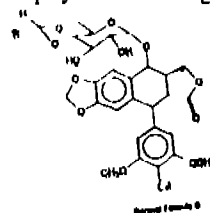
Inventors : SURINDER MOHAN ANAND - INDIA/ SATINDER MOHAN JAIN- INDIA and SUKHDEV SWAMI HANDA-INDIA

Application for Patent No 2595/Del/97 filed on 12.9.97

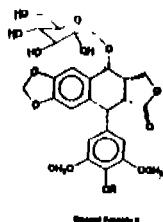
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005

(7 Claims)

A process for the preparation of cyclic acetals of glycosides of podophyllotoxin of general formula III



wherein R = H, CH₃ and R = alkyl, heterocyclo alkylidene which comprises reacting glycosides of podophyllotoxin of general formula II



wherein R = H or CH₃ in an organic solvent with a compound like alkyl or heterocyclo alkylidene having aldehyde group in presence of a lewis acid catalyst such as herein described at a temperature in the range of 15–30°C under inert atmosphere for a period in the range of 4–6 hr., recovering the compound of general formula III by known methods.

(Complete Specification : 18 Pages. Drawing Sheet : 1).

OPPOSITION PROCEEDINGS

An opposition has been entered by Hindustan Lever Limited, Maharashtra to grant of a Patent on Application No. 185178 (658/Del/92) dated 27.7.1992 made by the Procter & Gamble Company, U.S.A.

RENEWAL FEES PAID

176445	176535	176682	176683	176705	176842	176843
178233	182724	183084	183331	183415	183629	183639
174863	174866	180910	176403	174945	183333	183619
175303	180078	172287	172320	175133	175158	175525
175804	176016	176444	183899	183922	183923	183925
183939	184100	184108	184098	184097	184105	184165
184166	182572	182589	184096	184099	184101	184103
184106	184107	184162	178985	172589	184170	174775
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184302	174602	183943	172600	180906	179521	175203
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180083	178383	178393	183835	178593	180902	176592
184402	184416	171289	183778	182721	179779	180865
174870	180084	172624	178329	172369	172368	184484
177262	183186	184292	184296	172367	175322	180913
180916	179524	175136	180567	180635	180085	176879
172548	172652	175307	180919	180920	180864	181294
182547	177962	173624	184004	184434		

PATENT SEALED ON 25-5-2001

171504	178788	184674	184675	184931	184932	184934
184935	184936	184937	184938	184939	184941	184942
184943	184946	184949	184950	184951*	184952*	184953
184954*D	184955*D	184957*D	184958*D	184962	184963	
184965	184966*	184967*	184969*D	184970*		

KOL-01, DEL-20, MUM-NIL, CHEN-11

*Patent shall be deemed to be endorsed with words LICENCE OR RIGHT Under Section 87 of the Patents

Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents

F—Food Patents.

REGISTRATION OF DESIGN

The following designs have been registered They are not open to inspection for a period of two years from the date of registration except as provided for in section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration included in the entries:

- | | |
|----------|---|
| Class 1 | No. 182769. Vira Scooters, C-33, Phase-II, Focal Point, Ludhiana, (P.B.) India. "SQUARE BUSH FOR THREE WHEELERS". 30th June 2000 |
| Class 3 | No. 183494 Evcready Battery Company, Inc of The State of Delaware, United States of America, of 800 Chouteau Avenue, St. Louis, Missouri, 63164, U S A (PRIORITY) AUSTRALIA "FLASHLIGHT" 31st March 2000 |
| Class 3 | No. 183446 Modi Rubber Limited, an Indian Co of Modi Bhawan, Civil Lines, Modi Nagar, (Dist. Ghaziabad) U P "TYRE" 18th Sept. 2000. |
| Class 3 | No. 183466. Subhash Narayan Mhatre, Indian National of 1203, B-Wing, Bhavani Tower, II T. Powai Behind Petrol Pump, Powai, Mumbai-400076, Maharashtra, India. "MOSQUITO REPLENT CUM NIGHT LAMP". 19th Sept 2000 |
| Class 3 | No. 183502 Zed Composite Pvt. Ltd. an Indian Co. of 3C, Mott Lane, Calcutta-700013, W.B India. "SUN PEAK" 22nd September 2000 |
| Class 10 | No. 182960 & 182964 Unisol India (P) Ltd of 134, DSIDC Complex, Okhla Industrial Area, Phase-I, New Delhi-110020, "SHOE SOLE" 20th July, 2000. |
| Class 10 | No. 183413 Ess Aar Universal Pvt Ltd of G-90, Preet Vihar, Delhi-110092, India, "SHOE SOLE" 12th Sept 2000 |
| Class 12 | No. 183467 Kimberly-Clark Worldwide, Inc of 401, North Lake Street, Neenah, Wisconsin 54957-0349, U S A "FLEXIBLE PACKAGE OPENING" 19th September 2000 |
| Class 12 | No. 183468. Kimberly-Clark Worldwide, Inc of 401, North Lake Street, Neenah, Wisconsin 54957-0349, United States of America, "CONTAINER WITH DOMED INNER COVER" 19th September 2000 |

H. D. THAKUR

CONTROLLER GENERAL OF PATENTS,
DESIGNS & TRADE MARKS

